

**Freedhoff, Michal**

**From:** Deepwater Horizon Response External Affairs [donotreply@deepwaterhorizonresponse.com]  
**Sent:** Tuesday, June 22, 2010 8:15 PM  
**To:** Freedhoff, Michal  
**Subject:** The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill

**DATE:** June 22, 2010 19:11:22 CST

## The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill

### Key contact numbers

- Report oiled shoreline or request volunteer information: (866) 448-5816
- Submit alternative response technology, services or products: (281) 366-5511
- Submit your vessel for the Vessel of Opportunity Program: (866) 279-7983 or (877) 847-7470
- Submit a claim for damages: (800) 440-0858
- Report oiled wildlife: (866) 557-1401

The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill

Prepared by the Joint Information Center

UPDATED June 22, 2010 7 PM

*\* For a full timeline of the Administration-wide response, visit the White House Blog.*

### PAST 24 HOURS

#### **President Obama Discusses Oil Spill Response with Cabinet Officials**

At a Cabinet meeting held today at the White House, President Obama met with senior administration officials including the ongoing federal response to one of the worst natural disasters in the nation's history.

In remarks following the meeting, the President highlighted the work of Ken Feinberg—the newly-appointed administrator of the Gulf Coast Claims Facility—announced last week, who has traveled to the Gulf to meet with governors and local officials—Napolitano, who briefed the President on the operations to protect the shoreline, including skimming a

#### **Admiral Allen Provides Operational Update on the BP Oil Spill Response**

National Incident Commander Admiral Thad Allen provided a briefing to inform the American public an administration-wide response to the BP oil spill. A transcript is available [here](#).

#### **Fish and Wildlife Continues Efforts to Recover and Rehabilitate Oiled Wildlife**

U.S. Fish and Wildlife and National Park Service personnel continue efforts to protect Gulf Coast wildlife from the oil spill. On Monday, rescue and recovery teams responded to a total of 60 calls to the Wildlife Hotline request line. To report oiled wildlife, call (866) 557-1401.

#### **BP Continues to Optimize Oil Recovery Rates from its Leaking Well**

Under the direction of the federal government, BP continues to capture some oil and burn gas at the sump technique.

In addition to the oil collection aboard the *Discoverer Enterprise*, which is linked by the riser pipe to the flare off additional oil and gas being brought up through the choke lines—a method that was also previously used.

Under the direction of the National Incident Commander, BP is making preparations to bring a third vessel to increase collection capacity.

### Successful Controlled Burn

In recent days, favorable weather conditions have allowed responders to conduct successful controlled burn operations. As part of a coordinated response that combines tactics deployed above water, below water, offshore, and close to coastal areas, controlled burns efficiently remove oil from the open water in an effort to protect shoreline and wildlife. In total, 275 burns have been conducted to remove more than 9.32 million gallons of oil from the water.

### Approved SBA Economic Injury Assistance Loans Surpass \$5.75 Million; Deferments on Existing SBA Disaster Loans Top \$2 Million per Month

SBA has approved 94 economic injury assistance loans to date, totaling more than \$5.75 million for small businesses in the Gulf Coast impacted by the BP oil spill. Additionally, the agency has granted deferments on 452 existing SBA disaster loans in the region, totaling more than \$2.12 million per month in payments. For information on assistance loans for affected businesses, visit the SBA's Web site at [www.sba.gov/services/disasterassistance](http://www.sba.gov/services/disasterassistance), call (800) 659-2955 (800-877-8339 for the hearing impaired), or email [disastercustomerservice@sba.gov](mailto:disastercustomerservice@sba.gov).

### Administration Continues to Oversee BP's Claims Process

The administration will continue to hold the responsible parties accountable for repairing the damage, and repaying Americans who've suffered a financial loss as a result of the BP oil spill. To date, 69,872 claims have been opened, from which more than \$118 million have been disbursed. No claims have been denied to date. There are 730 claims adjusters on the ground. To file a claim, visit [www.bp.com/claims](http://www.bp.com/claims) or call BP's helpline at 1-800-440-0858. Those who have already pursued the BP claims process and are not satisfied with BP's resolution can call the Coast Guard at (800) 280-7118. Additional information about the BP claims process and all available avenues of assistance can be found at [www.disasterassistance.gov](http://www.disasterassistance.gov).

### By the Numbers to Date:

- The administration has authorized the deployment of 17,500 National Guard troops from Gulf Coast states to respond to this crisis; currently, 1,566 are active.
- Approximately 37,000 personnel are currently responding to protect the shoreline and wildlife and cleanup vital coastlines.
- More than 6,300 vessels are currently responding on site, including skimmers, tugs, barges, and recovery vessels to assist in containment and cleanup efforts—in addition to dozens of aircraft, remotely operated vehicles, and multiple mobile offshore drilling units.
- Approximately 2.54 million feet of containment boom and 4.14 million feet of sorbent boom have been deployed to contain the spill—and approximately 600,000 feet of containment boom and 2 million feet of sorbent boom are available.
- Approximately 25 million gallons of an oil-water mix have been recovered.
- Approximately 1.45 million gallons of total dispersant have been applied—970,000 on the surface and 483,000 subsea. More than 445,000 gallons are available.
- 275 controlled burns have been conducted, efficiently removing a total of more than 9.32 million gallons of oil from the open water in an effort to protect shoreline and wildlife. Because calculations on the volume of oil burned can take more than 48 hours, the reported total volume may not reflect the most recent controlled burns.
- 17 staging areas are in place to protect sensitive shorelines.
- Approximately 171 miles of Gulf Coast shoreline is currently oiled—approximately 34 miles in Louisiana, 41 miles in Mississippi, 42 miles in Alabama, and 54 miles in Florida. These numbers reflect a daily snapshot of shoreline currently experiencing impacts from oil so that planning and field operations can more quickly respond to new impacts; they do not include cumulative impacts to date, or shoreline that has already been cleared.
- Approximately 87,000 square miles of Gulf of Mexico federal waters remain closed to fishing in order to balance economic and public health concerns. Sixty-four percent remains open. Details can be found at <http://sero.nmfs.noaa.gov/>.
- To date, the administration has leveraged assets and skills from numerous foreign countries and international organizations as part of this historic, all-hands-on-deck response, including Canada, Germany, Mexico, Netherlands, Norway, the United Nations' International Maritime Organization and the European Union's Monitoring and Information Centre.

### Resources:

- For information about the response effort, visit [www.deepwaterhorizonresponse.com](http://www.deepwaterhorizonresponse.com).
- For specific information about the federal-wide response, visit <http://www.whitehouse.gov/deepwater-bp-oil-spill>.
- To contact the Deepwater Horizon Joint Information Center, call (713) 323-1670.
- To volunteer, or to report oiled shoreline, call (866) 448-5816. Volunteer opportunities can also be found [here](#).
- To submit your vessel as a vessel of opportunity skimming system, or to submit alternative response technology, services, or products, call 281-366-5511.
- To report oiled wildlife, call (866) 557-1401.

June 20, 2010

RADM James Watson  
Federal On-Scene Coordinator  
Unified Area Command  
1250 Poydras Street  
New Orleans, LA 70113

Admiral Watson:

We believe the time is right to reconsider the approval process for the use of surface dispersants.

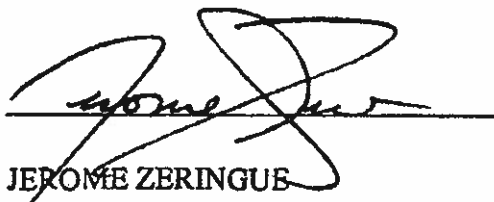
As you know, on May 26, the EPA and the FOSC concurrently issued Addendum 3 to the Dispersant Monitoring and Assessment Directive. That Addendum instituted strict limits on the application of dispersants—limits which could be exceeded only by explicit FOSC approval after consideration of a number of specific factors.

At the time Addendum 3 was signed, estimates suggested that the oil flow into the Gulf was approximately 5,000 barrels per day. Current estimates from the Flow Rate Technical Group, however, suggest the number is in the range of 35,000-60,000 barrels per day—roughly 7 to 12 times the rate previously thought. In light of the challenges presented by this marked increase in flow rate estimates, we are convinced that the dispersant approval process must be reexamined. In particular, we believe the current process hinders our ability to adequately respond to varying operational conditions. While we expect that you will continue to set broad policy guidelines, incident commands must be able to exercise discretion to make real-time decisions as to dispersant application.

Therefore, we believe the RRT should draft and propose to you a new Addendum (to supersede Addendum 3) to address the dispersant approval process.



ROGER LAFERRIERE  
Captain, U.S. Coast Guard  
Federal On-Scene Coordinator's Representative  
By Direction



JEROME ZERINGUE  
Louisiana Coastal Protection &  
Restoration Authority  
State On-Scene Coordinator

U.S. Department of  
Homeland Security

United States  
Coast Guard



Federal On-Scene Coordinator  
Unified Area Command

Unified Area Command  
1250 Poydras Street  
New Orleans, LA 70113

June 22, 2010

Regional Response Team  
Federal Region VI

Respected Members,

I received the attached letter from CAPT LaFerriere, the Houma Incident Commander, and Jerome Zeringue, the Louisiana On-Scene Coordinator. I wholeheartedly endorse their letter, and request that you draft and propose a new Addendum (to supersede Addendum 3) to address the dispersant approval process.

The new Addendum should incorporate a number of important principles. First, it should be consistent with the National Contingency Plan, in which dispersant use is a response option that the FOSC controls guided by the pre-approval of Regional Response Teams in consultation with the National Response Team. Second, it should reflect the continued goal of minimizing dispersant use when operationally feasible—I will not tolerate excessive use of dispersants which provides no real advantage in fighting this spill. Third, it should in no way weaken the current monitoring and water sampling program currently in place. Fourth, it should empower incident commanders to make real-time decisions to use appropriate amounts of dispersants—we cannot afford the delay inherent in seeking approval from above when the window of opportunity is frequently short. Fifth, it should allow the use of dispersants to appropriately control volatile organic compounds—we must protect the health and safety of the workers at or near the source. Finally, the new Directive should in no way condition the use of dispersants on receipt of precise data regarding the capability of mechanical recovery methods. While recovery by mechanical methods does reduce the overall need to use dispersants, the success of those methods is subject to an enormous number of constantly shifting variables—variables that will only increase as hurricane season adds new challenges.

While the use of dispersants in any amount involves a number of unknowns and risk tradeoffs, we must keep in mind what we do know: that non-dispersed oil continues to damage the environment onshore and offshore in the Gulf of Mexico. We must employ all the tools at our disposal to fight it on all fronts.

Sincerely,

A handwritten signature in dark ink, appearing to read "James A. Watson".  
JAMES A. WATSON  
Rear Admiral, U.S. Coast Guard  
Federal On-Scene Coordinator

June 22, 2010

Jim Watson  
Rear Admiral, USCG  
Federal On-Scene Coordinator

RE: Weekly Source Control Surface Dispersant Plan (June 24 through 30, 2010)

Dear Admiral Watson,

In compliance with the May 26, 2010, Dispersant Monitoring and Assessment Directive - Addendum 3 (the "Directive"), BP Exploration & Production Inc. ("BP") submitted a weekly Source Control Surface Dispersant Plan for the week June 17 to June 23, which you approved on June 16. The plan allowed for a maximum daily application volume (calendar day) of 6,000 gallons, unless more was required to control VOCs. From June 17 through June 21, the average daily volume applied was ~2,200 gallons. The maximum daily application was 5,776 gallons on June 19.

The current offshore air monitoring plan for source control (2200-T2-DO-PN-4002-4 signed May 25, 2010) identifies air monitoring instrumentation, location and action levels to respond to VOC excursions. In addition, vapor suppression guidelines (attachment 1) were put in place May 29, 2010 to provide additional granularity for action requirements. The air monitoring data is transparent to USCG and EPA.

BP respectfully requests approval of the Weekly Source Control Dispersant Plan for June 24 through June 30, as follows

<u>Date</u>	<u>Expected Maximum Volume per calendar day (gals)</u>
June 24	6000
June 25	6000
June 26	6000
June 27	6000
June 28	6000
June 29	6000
June 30	6000

Should VOC monitoring dictate further deployment in accordance with the Air Monitoring Plan for Source Control, BP also respectfully requests to exceed these volumes as required.

Sincerely,

Douglas J. Suttles



Doug Suttles

Chief Operating Officer



Exploration & Production  
BP America Inc.  
501 WestLake Park Boulevard  
Houston, TX 77079

June 22, 2010

Rear Admiral James A. Watson  
Federal On-Scene Commander  
1250 Poydras Street  
New Orleans, LA 70113

Direct 281 366 3969  
Fax 281 366 7239  
Doug.Suttles@bp.com

**Weekly Source Control Surface Dispersant Plan (June 24 through 30, 2010)**

Dear Admiral Watson,

In compliance with the May 26, 2010, Dispersant Monitoring and Assessment Directive - Addendum 3 (the "Directive"), BP Exploration & Production Inc. ("BP") submitted a weekly Source Control Surface Dispersant Plan for the week June 17 to June 23, which you approved on June 16. The plan allowed for a maximum daily application volume (calendar day) of 6,000 gallons, unless more was required to control VOCs. From June 17 through June 21, the average daily volume applied was ~2,200 gallons. The maximum daily application was 5,776 gallons on June 19.

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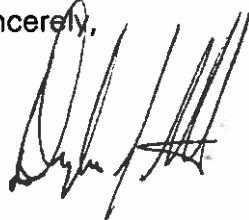
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Rear Admiral Watson  
June 22, 2010  
Page 2

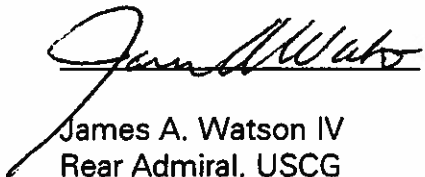
Should VOC monitoring dictate further deployment in accordance with the Air Monitoring Plan for Source Control, BP also respectfully requests to exceed these volumes as required.

Sincerely,



Douglas J. Suttles

Approval granted subject to the above:



James A. Watson IV  
Rear Admiral, USCG  
Federal On-Scene Commander

Date: 6/23/10

**Attachment 1**  
**Vapor Suppression Guidelines**  
**May 29, 2010**

These guidelines pertain to deployment and use of dispersant vessels and fire fighting vessels in Source Control Operations. The guidance provides additional detail around action levels specified in the Offshore Air Monitoring Plan for Source Control (2200-T2-DO-PN-4002-4). In addition, this guidance aligns with Dispersant Procedures for Vessels Adriatic and HOS Super H (2200-T2-LC-RP-4091) and Fire Fighting Vessels Operating (Priorities and Procedures (2200-T2-DO-PR-4057).

All vessels experiencing VOC levels exceeding 50PPM are directed to report it to Source Control SimOps Branch Director. Application of dispersant should be coordinated through the Source Control SimOps Branch Director.

Recommended actions for VOC management:

- VOC levels of 20 to 70ppm
  - Use Rem Forza and Kay Marine 5 vessels for wide spray water pattern to suppress and redirect vapors
- VOC over 70ppm
  - Notify Source Control SimOps Branch Director to coordinate dispersant use
  - Use HOS Super H and Adriatic as primary dispersant vessels
  - Use Rem Forza and Kay Marine 5 vessels to apply dispersant when wide spray water pattern is not effective



Freedhoff, Michal

**From:** Miller, Brian W [Brian.Miller3@bp.com]  
**Sent:** Tuesday, June 22, 2010 11:37 PM  
**Cc:** Calvert, Chad  
**Subject:** BP Gulf of Mexico Update: June 22nd  
**Attachments:** Gulf of Mexico Oil Spill Response Update 6-22-10.doc  
 Below you will find today's update--a Word version is also attached.

Please let us know if you have questions.

Thank you,

Brian Miller

**BP's Washington, DC Office**

*Note: if you would like to be removed from this distribution list, please respond accordingly.*

<<Gulf of Mexico Oil Spill Response Update 6-22-10.doc>>

### Gulf of Mexico Oil Spill Response Update

**06/22/2010 – 11:00 PM EDT**

BP is working as part of the Unified Command to accomplish three main objectives in the Gulf of Mexico:

1. Offshore - to stop the flow of oil on the sea floor;
2. Offshore – to minimize impacts of the spill on the surface; and
3. Onshore to protect and cleanup the shoreline, inform the public, and compensate impacted people.

### Highlights

#### BP announces the formation of Gulf Coast Restoration Organization

Bob Dudley is appointed President and CEO of the Gulf Coast Restoration Organization. Having grown up in Mississippi, Bob has a deep appreciation and affinity for the Gulf Coast, and believes deeply in BP's commitment to restore the region.

This new organization will deal with all aspects of the response and ensure BP fulfills our promises to the people of the Gulf Coast, and work to restore the environment. This will include:

- Executing our ongoing clean-up operations, and all associated remediation activities;
- Coordinating with government officials, including the National Incident Commander, Admiral Thad Allen, the Governors and local officials from the Gulf States, to meet our commitments as effectively and efficiently as possible;
- Keeping the public informed;
- Implementing the \$20 billion escrow account established to assure we meet our obligations through the claims process; and
- Understanding the impact of the spill on the environment.

BP's Gulf States response activities, centered in the Unified Command with the Coast Guard in New Orleans, will now report to Bob.

The establishment of this new organization in no way limits the resources of BP that are available to meet our responsibilities to clean up the spill and restore the Gulf.

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- 15,566 barrels of oil captured by the LMRP Cap on June 21.
- Q4000 drilling platform captured and flared 10,270 barrels of oil on June 21.
- More than \$118 million in claims paid as of June 22 – see State Summaries.
- 433 skimmers deployed with 596,837 total barrels of oil/water mix recovered.
- BP to donate proceeds from the sale of oil collected through riser systems to the National Fish and Wildlife Foundation, including \$5 million in immediate funding to help build programs to benefit wildlife affected along the Gulf.

### Offshore – Sea Floor

BP's priority is to contain the oil spill and complete relief wells to kill the flow.

7/29/2010

## Containment Recovery

- Lower Marine Riser Package (LMRP) Cap – 15,566 barrels of oil were captured through the LMRP cap during the past 24-hour period. Total recovery from the LMRP Cap is 269,010 barrels to date. Oil and natural gas are being carried to the surface through a riser pipe and oil is being stored on the *Discoverer Enterprise*. Captured natural gas is being flared with 34.2 million cubic feet burned on June 21.
- Near Term Containment: Q4000 Direct Connect – This containment system, which is connected directly to the BOP and carries oil and gas through a manifold and hoses to the Q4000 vessel, flared 10,270 barrels of oil and 18.1 million cubic feet of gas on June 21. Because the Q4000 does not have storage capacity, it uses a specialized clean-burning system to flare captured oil and gas. Total oil disposed of through Q4000 to date is 51,830 barrels.
- Longer Term Containment: Permanent Riser Systems – BP is bringing in two additional ships that will be connected to “permanent riser systems.” These systems will be capable of quick disconnect/reconnect in the event of a hurricane. The ships are expected to be at staging areas this week. The first riser has been fabricated and is being installed. The second riser is being fabricated. More information can be found under “Technical Update” on BP’s website at: <http://www.bp.com/sectiongenericarticle.do?categoryId=9033572&contentId=7061710>

Technical Update slides (dated June 18<sup>th</sup>):

[http://www.bp.com/liveassets/bp\\_internet/globalbp/globalbp\\_uk\\_english/incident\\_response/STAGING/local\\_assets/downloads/pdfs/Technical\\_briefing\\_061810.pdf](http://www.bp.com/liveassets/bp_internet/globalbp/globalbp_uk_english/incident_response/STAGING/local_assets/downloads/pdfs/Technical_briefing_061810.pdf)

**Dispersant injection on the sea floor** – dispersant use at the subsea leak source continues, with approximately 14,583 gallons applied on June 21.

## Drilling Relief Wells

Drilling continues on both wells. They are situated approximately one-half mile from the Macondo well and will attempt to intercept the existing wellbore at approximately 18,000 feet below sea level. Once intercepted, the Macondo well can be killed via a “bottom kill” by pumping heavy mud and cement into the wellbore. It is estimated the total drilling process for each well will take at least 90 days from the start date.

- The first relief well (work being performed by the *Development Driller III*) is at approximately 16,000 feet below sea level. This well was “spudded” on May 2.
- The second relief well (work being performed by *Development Driller II*) is at approximately 10,000 feet below sea level. Drilling began on May 16.

## Offshore – Surface Response

**Skimming Vessels** – 433 skimmers designed to separate oil from water are deployed across the Gulf. 596,837 barrels of oil-water mix have been recovered and treated.

**Surface Dispersant** – 11,217 gallons of surface dispersant were applied on June 21.

**In-Situ Burning** – 19 additional burns were conducted in the last 24-hour period. 221,900 total barrels are estimated to have been consumed through burns.

**BP Environmental Monitoring Program** – As part of the response effort, several ongoing sampling and monitoring programs have been implemented based on the type of impact or location and trajectory of the spill. Monitoring and sampling programs are being conducted for:

- air quality
- water quality
- water column sampling
- submerged oil, and
- worker health.

Sampling data can be found at: <http://www.bp.com/sectiongenericarticle.do?categoryId=9033821&contentId=7062498#>

**Interactive Mapping Websites** – BP has developed an Interactive Mapping Tool meant to provide a one-stop shop for detailed near-real-time information about the response to the Deepwater Horizon BP oil spill. The tool integrates the latest data on the oil spill’s trajectory, fishery closed areas, wildlife and place-based Gulf Coast resources, locations of oiled shoreline and other data points. The BP mapping tool is located at: <http://www.gulfofmexicoresponsemap.com>. The U.S. Government has also created a mapping tool that is located at: [www.GeoPlatform.gov/gulfresponse](http://www.GeoPlatform.gov/gulfresponse).

## Spill Response Technology and Offers of Services or Products –

- BP is receiving approximately 5,000 suggestions per day on innovative ways to stop the flow of oil or contain the oil spill. Our team of engineers is reviewing these as quickly as possible. To submit alternative response technology, or offer services or products, call (281) 366-5511, or go online at: [www.horizonedocs.com](http://www.horizonedocs.com). After forms are received they are reviewed by a team of technical and operational personnel who assess need, technical feasibility and application.
- The U.S. Government has also issued a general call for submission of white papers that cover: oil sensing improvements to response and detection; oil wellhead control and submerged oil response; traditional oil spill response technologies; alternative oil spill response technologies; and oil spill damage assessment and restoration. That announcement can be found online at: [https://www.fbo.gov/index?o=opportunity&mode=form&id=6b61794c96642c8b03fc9e0c3083eb&tab=core&\\_cview=1](https://www.fbo.gov/index?o=opportunity&mode=form&id=6b61794c96642c8b03fc9e0c3083eb&tab=core&_cview=1)

## Onshore – Shoreline Protection and Funding

**Donation to National Fish and Wildlife Foundation** – On June 22, BP announced it will donate the net revenue it receives from the sale of oil recovered from the MC252 spill to the National Fish and Wildlife Foundation (NFWF). NFWF, whose mission is to preserve and restore America’s native wildlife species and habitats, will direct this money to projects that bring the greatest benefit to the wildlife of the affected Gulf Coast States. BP will provide \$5 million to NFWF immediately, to ensure that their work can begin even as initial oil collections from the *Discoverer Enterprise* enter the refining process. More information can be found at <http://www.bp.com/genericarticle.do?categoryId=2012968&contentId=7063047>

**Boom Update** – More than 2.7 million feet of containment boom are deployed or assigned across the Gulf with 787,000 feet in staging areas. More than 4.1 million feet of sorbent boom is deployed with 2 million feet in staging areas.

**Volunteers and Training** – Volunteers are being trained in five different modules that range from safety for beach clean-up, to wildlife monitoring, handling of hazardous materials and vessel operation for laying boom. 27,106 volunteers were supporting the effort as of June 21. Information about training can be found at

**Freedhoff, Michal**

**From:** Deepwater Horizon Response External Affairs [donotreply@deepwaterhorizonresponse.com]  
**Sent:** Wednesday, June 23, 2010 8:44 PM  
**To:** Freedhoff, Michal  
**Subject:** The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill

**DATE:** June 23, 2010 19:32:09 CST

## The Ongoing Administration-Wide Response to the Deepwater

### Key contact numbers

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- Submit alternative response technology, services or products: (281) 366-5511
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Prepared by the Joint Information Center

UPDATED June 23, 2010 7 PM

*\* For a full timeline of the Administration-wide response, visit the White House Blog.*

### PAST 24 HOURS

#### **Admiral Allen Provides Operational Update on the BP Oil Spill Response**

National Incident Commander Admiral Thad Allen provided a briefing to inform the American public an administration-wide response to the BP oil spill. A transcript is available [here](#).

Allen was joined by Deputy Assistant Secretary of Labor for Occupational Safety and Health Jordan B protect the health and safety of workers participating in the response. OSHA has more than 150 persc and health and inform workers on how to best protect themselves—which includes distributing educati Vietnamese.

#### **Containment Cap Operations Suspended; Severe Weather Impacting Today's Cleanup**

While the capture of oil and gas through the blowout preventer's choke line to the Q4000 vessel on the marine riser package (LMRP) containment cap was temporarily suspended today when a discharge of on the drill ship *Discoverer Enterprise*. As a precautionary measure, the LMRP containment cap syste *Enterprise*, was removed to ensure the safety of operations and allow the unexpected release of liquid

Severe weather conditions across southeast Louisiana also impacted some of the regularly scheduled Safety of all personnel is vital to the success of this operation, and crews will resume cleanup operatic

Prior to the suspension, the *Discoverer Enterprise* and the Q4000 recovered more than 27,000 barrels the largest daily collection amount to date.

#### **Administration Releases its First Scientific Report on Subsea Monitoring Data**

NOAA, EPA and White House Office of Science and Technology Policy (OSTP) today released the fir about the subsea monitoring in the vicinity of the Deepwater Horizon wellhead—which contains analy: *McCaill*, a research vessel conducting water sampling from half a mile to nine miles of the wellhead—p brightest scientific minds to confront the worst environmental disaster the country has ever faced.

The report comes from the Joint Analysis Group (JAG), which was established to facilitate cooperation minds across the government and provide a coordinated analysis of information related to subsea mor comprehensive analysis helps define the characteristics of the water and presence of oil below the sur May 8-25.

**Federal and Local Officials Hold Joint Open House Meeting in Orleans Parish**

As part of continued efforts to inform Louisiana residents on the BP oil spill response and available assistance, representatives from the Coast Guard, Fish and Wildlife Service, EPA, and state and local governments held their fifth joint open house meeting in Orleans Parish.

Experts from the various agencies participating in the BP oil spill response were on hand to discuss a variety of topics with Parish residents—including the claims process, volunteer and contracting opportunities, environmental quality, worker safety and the various tools, equipment and strategies being used in the response. Previous meetings were held in Cameron Parish, St. Bernard Parish, Jefferson Parish and St. Mary's Parish.

**FWS Returns 63 Birds to the Wild in Largest Release of Rehabilitated Birds to Date**

The U.S. Fish and Wildlife Service released 62 rehabilitated brown pelicans and one rehabilitated northern gannet at the Aransas National Wildlife Refuge on the Texas Coast—the largest release of rehabilitated birds since the spill began—part of continued efforts by FWS and National Park Service personnel to protect Gulf Coast wildlife and habitats from the effects of the BP oil spill. Currently, FWS has 499 personnel in the Gulf to coordinate and supervise search and capture for oiled wildlife and help facilitate recovery and treatment.

**Oil Removed from Water by Controlled Burn Operations Surpasses 10 Million Gallons**

As part of a coordinated response that combines tactics deployed above water, below water, offshore, and close to coastal areas, controlled burns efficiently remove oil from the open water in an effort to protect shoreline and wildlife. In total, 275 burns have been conducted to remove more than 10 million gallons of oil from the water.

**NOAA Opens More Than 8,000 Square Miles of Fishing Closed Area in the Gulf of Mexico**

NOAA has opened more than 8,000 square miles of previously closed fishing area in the Gulf of Mexico, because the agency has not observed oil in the area. The most significant opening is an area due south of Mississippi. Additionally, some smaller areas were opened off the Louisiana and central Florida coasts. These areas were initially closed as a precautionary measure to ensure the safety of seafood from the Gulf because oil was projected to be within those areas.

The closed area now represents 78,597 square miles—approximately 32.5 percent—of federal waters in the Gulf of Mexico. This closure does not apply to any state waters. This leaves more than 67 percent of Gulf federal waters available for fishing. Details can be found at <http://sero.nmfs.noaa.gov/>.

**Approved SBA Economic Injury Assistance Loans Surpass \$5.94 Million**

SBA has approved 98 economic injury assistance loans to date, totaling more than \$5.94 million for small businesses in the Gulf Coast impacted by the BP oil spill. Additionally, the agency has granted deferments on 465 existing SBA disaster loans in the region, totaling more than \$2.13 million per month in payments. For information on assistance loans for affected businesses, visit the SBA's Web site at [www.sba.gov/services/disasterassistance](http://www.sba.gov/services/disasterassistance), call (800) 659-2955 (800-877-8339 for the hearing impaired), or email [disastercustomerservice@sba.gov](mailto:disastercustomerservice@sba.gov).

**Administration Continues to Oversee BP's Claims Process**

The administration will continue to hold the responsible parties accountable for repairing the damage, and repaying Americans who've suffered a financial loss as a result of the BP oil spill. To date, 72,563 claims have been opened, from which more than \$123 million have been disbursed. No claims have been denied to date. There are 731 claims adjusters on the ground. To file a claim, visit [www.bp.com/claims](http://www.bp.com/claims) or call BP's helpline at 1-800-440-0858. Those who have already pursued the BP claims process and are not satisfied with BP's resolution can call the Coast Guard at (800) 280-7118. Additional information about the BP claims process and all available avenues of assistance can be found at [www.disasterassistance.gov](http://www.disasterassistance.gov).

**By the Numbers to Date:**

- The administration has authorized the deployment of 17,500 National Guard troops from Gulf Coast states to respond to this crisis; currently, 1,585 are active.
- Approximately 35,600 personnel are currently responding to protect the shoreline and wildlife and cleanup vital coastlines.
- More than 6,300 vessels are currently responding on site, including skimmers, tugs, barges, and recovery vessels to assist in containment and cleanup efforts—in addition to dozens of aircraft, remotely operated vehicles, and multiple mobile offshore drilling units.
- Approximately 2.57 million feet of containment boom and 4.17 million feet of sorbent boom have been deployed to contain the spill—and approximately 790,000 feet of containment boom and 2.1 million feet of sorbent boom are available.
- Approximately 25.4 million gallons of an oil-water mix have been recovered.

- Approximately 1.47 million gallons of total dispersant have been applied—972,000 on the surface and 493,000 subsea. More than 445,000 gallons are available.
- 275 controlled burns have been conducted, efficiently removing a total of more than 10 million gallons of oil from the open water in an effort to protect shoreline and wildlife. Because calculations on the volume of oil burned can take more than 48 hours, the reported total volume may not reflect the most recent controlled burns.
- 17 staging areas are in place to protect sensitive shorelines.
- Approximately 166 miles of Gulf Coast shoreline is currently oiled—approximately 34 miles in Louisiana, 41 miles in Mississippi, 43 miles in Alabama, and 48 miles in Florida. These numbers reflect a daily snapshot of shoreline currently experiencing impacts from oil so that planning and field operations can more quickly respond to new impacts; they do not include cumulative impacts to date, or shoreline that has already been cleared.
- Approximately 78,600 square miles of Gulf of Mexico federal waters remain closed to fishing in order to balance economic and public health concerns. More than 67 percent remains open. Details can be found at <http://sero.nmfs.noaa.gov/>.
- To date, the administration has leveraged assets and skills from numerous foreign countries and international organizations as part of this historic, all-hands-on-deck response, including Canada, Germany, Mexico, Netherlands, Norway, the United Nations' International Maritime Organization and the European Union's Monitoring and Information Centre.

#### Resources:

- For information about the response effort, visit [www.deepwaterhorizonresponse.com](http://www.deepwaterhorizonresponse.com).
- For specific information about the federal-wide response, visit <http://www.whitehouse.gov/deepwater-bp-oil-spill>.
- To contact the Deepwater Horizon Joint Information Center, call (713) 323-1670.
- To volunteer, or to report oiled shoreline, call (866) 448-5816. Volunteer opportunities can also be found here.
- To submit your vessel as a vessel of opportunity skimming system, or to submit alternative response technology, services, or products, call 281-366-5511.
- To report oiled wildlife, call (866) 557-1401.
- For information about validated environmental air and water sampling results, visit [www.epa.gov/bpspill](http://www.epa.gov/bpspill).
- For National Park Service updates about potential park closures, resources at risk, and NPS actions to protect vital park space and wildlife, visit <http://www.nps.gov/aboutus/oil-spill-response.htm>.
- For Fish and Wildlife Service updates about response along the Gulf Coast and the status of national wildlife refuges, visit <http://www.fws.gov/home/dhoilspill/>.
- For daily updates on fishing closures, visit <http://sero.nmfs.noaa.gov>.
- For information on assistance loans for affected businesses, visit the SBA's Web site at [www.sba.gov/services/disasterassistance](http://www.sba.gov/services/disasterassistance), call (800) 659-2955 (800-877-8339 for the hearing impaired), or email [disastercustomerservice@sba.gov](mailto:disastercustomerservice@sba.gov).
- To file a claim with BP, visit [www.bp.com/claims](http://www.bp.com/claims) or call BP's helpline at (800) 440-0858. A BP fact sheet with additional information is available here. Those who have already pursued the BP claims process and are not satisfied with BP's resolution, can call the Coast Guard at (800) 280-7118. More information about what types of damages are eligible for compensation under the Oil Pollution Act as well as guidance on procedures to seek that compensation can be found here.
- In addition, [www.disasterassistance.gov](http://www.disasterassistance.gov) has been enhanced to provide a one-stop shop for information on how to file a claim with BP and access additional assistance—available in English and Spanish.
- Any members of the press who encounter response personnel restricting their access or violating the media access policy set forth by Admiral Allen should contact the Joint Information Center. Click here for more information, including a list of regular embed opportunities.

For information about the response effort, visit [www.deepwaterhorizonresponse.com](http://www.deepwaterhorizonresponse.com).

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Freedhoff, Michal

From: Miller, Brian W [Brian.Miller3@bp.com]  
 Sent: Wednesday, June 23, 2010 9:28 PM  
 Cc: Calvert, Chad  
 Subject: **BP Gulf of Mexico Update: June 23rd**  
 Attachments: Gulf of Mexico Oil Spill Response Update 6-23-10.doc  
 Below you will find today's update—a Word version is also attached.

Note: to improve the quality and usefulness of this report, you may notice some changes. For example, locations of claims offices have been removed because they can be accessed via embedded links to the BP Claims website.

Please let us know if you have questions.

Thank you,

Brian Miller

**BP's Washington, DC Office**

*Note: If you would like to be removed from this distribution list, please respond accordingly*

<<Gulf of Mexico Oil Spill Response Update 6-23-10.doc>>

## Gulf of Mexico Oil Spill Response Update

06/23/2010 – 6:00 PM EDT

### Highlights

#### BP Formation of Gulf Coast Restoration Organization

On June 22, Bob Dudley was appointed President and CEO of the Gulf Coast Restoration Organization. Having grown up in Mississippi, Bob has a deep appreciation and affinity for the Gulf Coast, and believes deeply in BP's commitment to restore the region.

This new organization will deal with all aspects of the response and ensure BP fulfills our promises to the people of the Gulf Coast, and work to restore the environment. This will include:

- Executing our ongoing clean-up operations, and all associated remediation activities;
- Coordinating with government officials, including the National Incident Commander, Admiral Thad Allen, the Governors and local officials from the Gulf States, to meet our commitments as effectively and efficiently as possible;
- Keeping the public informed;
- Implementing the \$20 billion escrow account established to assure we meet our obligations through the claims process, and
- Understanding the impact of the spill on the environment.

BP's Gulf States response activities, centered in the Unified Command with the Coast Guard in New Orleans, will now report to Bob.

The establishment of this new organization in no way limits the resources of BP that are available to meet our responsibilities to clean up the spill and restore the Gulf.

- 16,668 barrels of oil captured by the LMRP Cap on June 22.
- 10,429 barrels of oil captured and flared by the Q4000 drilling platform on June 22.
- More than \$123 million in claims paid as of June 23, an increase of \$5 million in 24 hours – see State Summaries.
- BP to donate proceeds from the sale of oil collected through riser systems to the National Fish and Wildlife Foundation, including \$5 million in immediate funding to help build programs to benefit wildlife affected along the Gulf.

#### Offshore – Sea Floor

##### Containment Recovery

- Lower Marine Riser Package (LMRP) Cap – 16,668 barrels of oil were captured through the LMRP cap during the past 24-hour period. Total recovery from the LMRP Cap, and earlier-deployed riser insertion tube, is 285,678 barrels to date. Oil and natural gas are being carried to the surface through a riser pipe and oil is being stored on the *Discoverer Enterprise*. Captured natural gas is being flared with 35.8 million cubic feet burned on June 22.
- On the morning of June 23, liquids were observed in a diverter valve on the *Discoverer Enterprise* that indicated the formation of hydrates in the LMRP cap system. As a

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*precautionary measure, the LMRP cap was disconnected from the blowout preventer and has been moved away to ensure safety of operations and to allow for analysis of the unexpected release of liquids. Additional capture of oil and gas through the LMRP cap has been temporarily suspended until such time that the cap can be re-installed.*

- **Near Term Containment:** Q4000 Direct Connect – This containment system, which is connected directly to the BOP and carries oil and gas through a manifold and hoses to the Q4000 vessel, flared 10,429 barrels of oil and 18.6 million cubic feet of gas on June 22. Because the Q4000 does not have storage capacity, it uses a specialized clean-burning system to flare captured oil and gas. Total oil disposed of through Q4000 to date is 62,259 barrels.
- **Longer Term Containment:** Permanent Riser Systems – BP is bringing in two additional ships that will be connected to “permanent riser systems.” These systems will be capable of quick disconnect/reconnect in the event of a hurricane. The ships are expected to be at staging areas this week. The first riser has been fabricated and is being installed. The second riser is being fabricated. More information can be found under “Technical Update” on BP’s website at: <http://www.bp.com/sectiongenericarticle.do?categoryId=9033572&contentId=7061710>

Technical Update slides (dated June 18<sup>th</sup>):

[http://www.bp.com/liveassets/bp\\_internet/globalbp/globalbp\\_uk\\_english/incident\\_response/STAGING/local\\_assets/downloads\\_pdfs/Technical\\_briefing\\_061810.pdf](http://www.bp.com/liveassets/bp_internet/globalbp/globalbp_uk_english/incident_response/STAGING/local_assets/downloads_pdfs/Technical_briefing_061810.pdf)

**Dispersant injection on the sea floor** – dispersant use at the subsea leak source continues, pursuant to EPA-agreed protocol. Approximately 10,046 gallons were applied on June 22.

#### Drilling Relief Wells

Drilling continues on both wells. They are situated approximately one-half mile from the Macondo well and will attempt to intercept the existing wellbore at approximately 18,000 feet below sea level. Once intercepted, the Macondo well can be killed via a “bottom kill” by pumping heavy mud and cement into the wellbore. It is estimated the total drilling process for each well will take at least 90 days from the start date.

- The first relief well (work being performed by the *Development Driller III*) is at approximately 16,275 feet below sea level. Drilling began on May 2.
- The second relief well (work being performed by *Development Driller II*) is at approximately 10,000 feet below sea level. Drilling began on May 16.

#### Offshore – Surface Response

**Skimming Vessels** – 433 skimmers designed to separate oil from water are deployed across the Gulf. 8,828 barrels of oil-water mix were recovered and treated on June 22, bringing the total to 605,665 barrels of oil-water mix. Most surface operations were suspended yesterday due to weather.

**Surface Dispersant** – 2,008 gallons of surface dispersant were applied on June 22. Most surface operations were suspended yesterday due to weather.

**In-Situ Burning** – 0 additional burns were conducted in the last 24-hour period. 238,950 total barrels are estimated to have been consumed through burns. Most surface operations were suspended yesterday due to weather.

**BP Environmental Monitoring Program** – As part of the response effort, several ongoing sampling and monitoring programs have been implemented. Monitoring and sampling programs are being conducted for: air quality, water quality, water column sampling, submerged oil, and worker health. Data can be found at: <http://www.bp.com/sectiongenericarticle.do?categoryId=9033821&contentId=7062498#>

**Interactive Mapping Websites** – BP has developed an Interactive Mapping Tool meant to provide a one-stop shop for detailed near-real-time information about the response to the Deepwater Horizon BP oil spill.

- The BP mapping tool is located at: <http://www.gulfofmexicoresponsemap.com>.
- The U.S. Government mapping tool that is located at: [www.GeoPlatform.gov/gulfresponse](http://www.GeoPlatform.gov/gulfresponse).

#### Spill Response Technology and Offers of Services or Products

- To submit alternative response technology, or offer services or products, call (281) 366-5511, or go online at: [www.horizonedocs.com](http://www.horizonedocs.com). After forms are received they are reviewed by a team of technical and operational personnel who assess need, technical feasibility and application.
- The U.S. Government issued a general call for submission of white papers that cover: oil sensing improvements to response and detection; oil wellhead control and submerged oil response; traditional oil spill response technologies; alternative oil spill response technologies; and oil spill damage assessment and restoration. [https://www.fbo.gov/index?s=opportunity&mode=form&id=6b61794cf96642c8b03cf9e0c3083eb&tab=core&\\_cview=1](https://www.fbo.gov/index?s=opportunity&mode=form&id=6b61794cf96642c8b03cf9e0c3083eb&tab=core&_cview=1)

#### Onshore – Shoreline Protection and Funding

**Donation to National Fish and Wildlife Foundation** – On June 22, BP announced it will donate the net revenue it receives from the sale of oil recovered from the MC252 spill to the National Fish and Wildlife Foundation (NFWF). NFWF, whose mission is to preserve and restore America’s native wildlife species and habitats, will direct this money to projects that bring the greatest benefit to the wildlife of the affected Gulf Coast States. BP will provide \$5 million to NFWF immediately, to ensure that their work can begin even as initial oil collections from the Discoverer Enterprise enter the refining process. More information can be found at <http://www.bp.com/sectiongenericarticle.do?categoryId=2012968&contentId=7063047>

**Boom Update** – More than 2.7 million feet of containment boom are deployed or assigned across the Gulf with 976,000 feet in staging areas. Nearly 1.1 million feet of additional containment boom is on order. 4.1 million feet of sorbent boom is deployed with 2 million feet in staging areas.

#### Alabama

- **Containment Boom** – 550,700 feet deployed and 106,800 feet staged.
- **Activated Vessels** – 374 official response vessels, 895 Vessels of Opportunity, 75 skimmers, 86 barges.
- **Shoreline Impacts** – More than 2,000 people working on clean up at Orange Beach. No new oiling reported.

#### Florida

- **Containment Boom** – 354,500 feet deployed and 189,400 feet staged. 19,100 feet deployed yesterday.

**Freedhoff, Michal**

**From:** Deepwater Horizon Response External Affairs [donotreply@deepwaterhorizonresponse.com]  
**Sent:** Thursday, June 24, 2010 8:39 PM  
**To:** Freedhoff, Michal  
**Subject:** The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill

**DATE:** June 24, 2010 19:26:03 CST

## **The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill**

### **Key contact numbers**

- Report oiled shoreline or request volunteer information: (866) 448-5816
- Submit alternative response technology, services or products: (281) 366-5511
- Submit your vessel for the Vessel of Opportunity Program: (866) 279-7983 or (877) 847-7470
- Submit a claim for damages: (800) 440-0858
- Report oiled wildlife: (866) 557-1401

### **The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill**

**Prepared by the Joint Information Center**

**UPDATED June 24, 2010 7 PM**

**\* For a full timeline of the Administration-wide response, visit the White House**

### **PAST 24 HOURS**

#### **Carol Browner Meets with Top BP Officials**

Assistant to the President for Energy and Climate Change Carol Browner today met with Lamar McKay, David Nagel and Karen St. John to discuss a number of key issues, including the claims process and scientific monitoring. Dudley recently assumed the lead role for the administration-wide response to the BP oil spill.

Browner reiterated the President's commitment to the people of the Gulf—that the administration will not be satisfied until the leak is stopped at the source, the oil in the Gulf is contained and cleaned up, and the people are able to go back to their lives and their livelihoods—and reminded them that their administration is committed to that bar.

#### **Regional Incident Commanders Provide Operational Update on the BP Oil Spill**

Coast Guard Captains Steven Poulin and Roger Laferriere, the Regional Incident Commander for the Gulf of Mexico and the Gulf of Mexico sectors, respectively, today provided operational updates to inform Gulf Coast administration-wide response to the BP oil spill.

#### **Containment Cap Operations Resume; Preparations are Made for Third Vessel**

Yesterday, as a precautionary measure to ensure the safety of operations, the use of (LMRP) containment cap was temporarily suspended when a discharge of liquids was detected. After inspection, the LMRP was reconnected to the *Discoverer Enterprise* around 8 p.m. this morning.

The capture of oil and gas through the blowout preventer's choke line to the *Q4000* vessel without interruption.

The first of four free-standing risers has been installed and is being tested. The vessel is expected to be operational by late June, will be used to produce oil and gas through the first free-flowing riser.

#### **FWS and NPS Continue Their Efforts to Recover and Rehabilitate Oiled Wildlife**

U.S. Fish and Wildlife and National Park Service personnel continue efforts to protect wildlife from the effects of the BP oil spill. On Wednesday, FWS rescue and recovery teams



Hotline reporting oiled or injured wildlife along the Gulf Coast. To report oiled wildlife, call (866) 557-1401.

#### **Approved SBA Economic Injury Assistance Loans Top \$6 Million**

SBA has approved 101 economic injury assistance loans to date, totaling more than \$6 million for small businesses in the Gulf Coast impacted by the BP oil spill. Additionally, the agency has granted deferments on 481 existing SBA disaster loans in the region, totaling more than \$2.2 million per month in payments. For information on assistance loans for affected businesses, visit the SBA's Web site at [www.sba.gov/services/disasterassistance](http://www.sba.gov/services/disasterassistance), call (800) 659-2955 (800-877-8339 for the hearing impaired), or email [disastercustomerservice@sba.gov](mailto:disastercustomerservice@sba.gov).

#### **Administration Continues to Oversee BP's Claims Process; Payments Surpass \$125 Million**

The administration will continue to hold the responsible parties accountable for repairing the damage, and repaying Americans who've suffered a financial loss as a result of the BP oil spill. To date, 75,106 claims have been opened, from which more than \$125.9 million have been disbursed. No claims have been denied to date. There are 787 claims adjusters on the ground. To file a claim, visit [www.bp.com/claims](http://www.bp.com/claims) or call BP's helpline at 1-800-440-0858. Those who have already pursued the BP claims process and are not satisfied with BP's resolution can call the Coast Guard at (800) 280-7118. Additional information about the BP claims process and all available avenues of assistance can be found at [www.disasterassistance.gov](http://www.disasterassistance.gov).

On Wednesday, a meeting was held with representatives from the State of Florida, top BP claims officials and the Integrated Services Team—which was established by the National Incident Command to coordinate interagency support services for individuals and small businesses impacted by the BP oil spill—to ensure that BP's claims process is transparent, prompt, and responsive to the unique needs of the impacted communities citizens and businesses.

#### **By the Numbers to Date:**

- The administration has authorized the deployment of 17,500 National Guard troops from Gulf Coast states to respond to this crisis; currently, 1,640 are active.
- Approximately 37,000 personnel are currently responding to protect the shoreline and wildlife and cleanup vital coastlines.
- More than 6,200 vessels are currently responding on site, including skimmers, tugs, barges, and recovery vessels to assist in containment and cleanup efforts—in addition to dozens of aircraft, remotely operated vehicles, and multiple mobile offshore drilling units.
- Approximately 2.6 million feet of containment boom and 4.24 million feet of sorbent boom have been deployed to contain the spill—and approximately 850,000 feet of containment boom and 2.26 million feet of sorbent boom are available.
- Approximately 25.6 million gallons of an oil-water mix have been recovered.
- Approximately 1.48 million gallons of total dispersant have been applied—977,000 on the surface and 502,000 subsea. More than 422,000 gallons are available.
- 275 controlled burns have been conducted, efficiently removing a total of more than 10 million gallons of oil from the open water in an effort to protect shoreline and wildlife. Because calculations on the volume of oil burned can take more than 48 hours, the reported total volume may not reflect the most recent controlled burns.
- 17 staging areas are in place to protect sensitive shorelines.
- Approximately 179 miles of Gulf Coast shoreline is currently oiled—approximately 34 miles in Louisiana, 42 miles in Mississippi, 42 miles in Alabama, and 61 miles in Florida. These numbers reflect a daily snapshot of shoreline currently experiencing impacts from oil so that planning and field operations can more quickly respond to new impacts; they do not include cumulative impacts to date, or shoreline that has already been cleared.
- Approximately 78,600 square miles of Gulf of Mexico federal waters remain closed to fishing in order to balance economic and public health concerns. More than 67 percent remains open. Details can be found at <http://sero.nmfs.noaa.gov/>.
- To date, the administration has leveraged assets and skills from numerous foreign countries and international organizations as part of this historic, all-hands-on-deck response, including Canada, Germany, Mexico, Netherlands, Norway, the United Nations' International Maritime Organization and the European Union's Monitoring and Information Centre.

#### **Resources:**

- For information about the response effort, visit [www.deepwaterhorizonresponse.com](http://www.deepwaterhorizonresponse.com).

Freedhoff, Michal

**From:** Miller, Brian W [Brian.Miller3@bp.com]  
**Sent:** Thursday, June 24, 2010 9:01 PM  
**Cc:** Calvert, Chad  
**Subject:** BP Gulf of Mexico Update: June 24th  
**Attachments:** Gulf of Mexico Oil Spill Response Update 6-24-10.doc  
Below you will find today's update--a Word version is also attached.

Note: Please see the "Daily Dashboard" which contains summary claims, surface, subsurface, boom, equipment and other data provided by the National Incident Command.

Please let us know if you have questions.

Thank you,

Brian Miller

BP's Washington, DC Office

*Note: If you would like to be removed from this distribution list, please respond accordingly.*

<<Gulf of Mexico Oil Spill Response Update 6-24-10.doc>>

## BP Gulf of Mexico Incident

### Daily Update

#### Period:

June 23: 6AM – June 24: 6AM

#### Highlights

- The lower marine riser package (LMRP) cap containment system was successfully reinstalled and resumed collecting oil and gas at 1900 CDT on June 23. The LMRP cap containment system was moved off the BOP at approximately 0845 CDT on June 23 as a precaution following observation of an unexpected discharge of seawater from a diverter valve on the Discoverer Enterprise.
- Total oil recovered by the LMRP Cap and earlier-deployed riser insertion tube, or flared on the Q4000 is estimated at 364,767 barrels to date.

#### Offshore – Containment and Surface Response

##### Containment Recovery

- Lower Marine Riser Package (LMRP) Cap – Approximately 8,300 barrels of oil have been captured through the LMRP cap during the current period. Oil and natural gas are being carried to the surface through a riser pipe and oil is being stored on the *Discoverer Enterprise*. Captured natural gas is being flared.
- Near Term Containment: Q4000 Direct Connect – This containment system, which is connected directly to the BOP and carries oil and gas through a manifold and hoses to the Q4000 vessel. Because the Q4000 does not have storage capacity, it uses a specialized clean-burning system to flare captured oil and gas. Approximately 8,530 barrels of oil were flared in the past 24-hour period.
- Longer Term Containment: Permanent Riser Systems – BP is bringing in two additional ships that will be connected to "permanent riser systems." These systems will be capable of quick disconnect/reconnect in the event of a hurricane. The ships are expected to be at staging areas this week. The first riser has been fabricated and is being installed. The second riser is being fabricated. More information can be found under "Technical Update" on BP's website at: <http://www.bp.com/sectiongenericarticle.do?categoryId=9033572&contentId=7061710>

Technical Update slides (dated June 18<sup>th</sup>):

[http://www.bp.com/liveassets/bp\\_internet/globalbp/globalbp\\_uk\\_english/incident\\_re](http://www.bp.com/liveassets/bp_internet/globalbp/globalbp_uk_english/incident_re)

##### Drilling Relief Wells

Drilling continues on both wells. They are situated approximately one-half mile from the Macondo well and will attempt to intercept the existing wellbore at approximately 18,000 feet below sea level. Once intercepted, the Macondo well can be killed via a "bottom kill" by pumping heavy mud and cement into the wellbore. It is estimated the total drilling process for

7/29/2010

each well will take at least 90 days from the start date.

- The first relief well (work being performed by the *Development Driller III*) is at approximately 16,275 feet below sea level. Drilling began on May 2
- The second relief well (work being performed by *Development Driller II*) is at approximately 10,000 feet below sea level. Drilling began on May 16.

**BP Environmental Monitoring Program** – As part of the response effort, several ongoing sampling and monitoring programs have been implemented. Monitoring and sampling programs are being conducted for: air quality, water quality, water column sampling, submerged oil, and worker health. Data can be found at: <http://www.bp.com/sectiongenericarticle.do?categoryId=9033821&contentId=7062498#>

**Interactive Mapping Websites** – BP has developed an Interactive Mapping Tool meant to provide a one-stop shop for detailed near-real-time information about the response to the Deepwater Horizon BP oil spill.

- The BP mapping tool is located at: <http://www.gulfofmexicoresponsemap.com>.
- The U.S. Government mapping tool that is located at: [www.GeoPlatform.gov/gulfresponse](http://www.GeoPlatform.gov/gulfresponse).

#### Spill Response Technology and Offers of Services or Products

- To submit alternative response technology, or offer services or products, call (281) 366-5511, or go online at: [www.horizonedocs.com](http://www.horizonedocs.com). After forms are received they are reviewed by a team of technical and operational personnel who assess need, technical feasibility and application.
- The U.S. Government issued a general call for submission of white papers that cover: oil sensing improvements to response and detection; oil wellhead control and submerged oil response; traditional oil spill response technologies; alternative oil spill response technologies; and oil spill damage assessment and restoration. <https://www.fbo.gov/index?s=opportunity&mode=form&id=6b61794cf96642c8b03fc9e0c3083eb&tab=core&cview=1>

#### Shoreline Protection and Funding

##### State Specific Websites

- Alabama: [www.alabamagulfresponse.com](http://www.alabamagulfresponse.com)
- Florida: [www.floridagulfresponse.com](http://www.floridagulfresponse.com)
- Louisiana: [www.louisianagulfresponse.com](http://www.louisianagulfresponse.com)
- Mississippi: [www.mississippigulfresponse.com](http://www.mississippigulfresponse.com)

##### LOUISIANA

**Offshore:** Skimming operations utilized 6 vessels at the source which recovered 3,931 bbls. All other skimming vessels returned to port due to inclement weather, offloading and resupply. The Burn Task Force took advantage of unfavorable weather to return to port and resupply and rest crews.

**Shoreline:** Shoreline work was suspended due to severe thunderstorms.

**Inshore:** 12 fishing vessel skimming Task Forces, of 25 vessels each, recovering patches of oil in Barataria Bay and Mississippi Delta.

**Wildlife:** 63 previously oiled brown pelicans were released in Aransas, TX.

**Air Operations:** 4 dispersant flights but only 3 released with 5,099 gallons. 1 returned due to weather.

**Boom:** 8,900' deployed last 24 hours.

##### MISSISSIPPI

**Shoreline:** Cleaned 27 miles of beach in Hancock County.

**Nearshore:** Oil spotted between Ship Island and Horn Island. Two VOO task forces were deployed to the area and corralled what they could. Additional VOOs arrived later to assist with clean up.

**Boom:** None deployed in the last 24 hours.

##### ALABAMA

**Shoreline:** Continued beach cleanup operations. Continued to deploy 6,000 feet of sorbent boom at Dauphin Island near the Dauphin Island Airport. Continued to work the new plan for booming around the battleship USS Alabama. Turtle nest found and relocated by Wildlife in Baldwin County. In Baldwin County, 3 mechanical beach cleaners were used to clean 1 mile of beach. All strike teams were mobilized in Orange Beach and cleaned the heaviest impacted areas.

**Nearshore:** Mobile Bay: Task Force #2 continued skimming south of Mobile Bay. Skimming continued around the islands of Petit Bois and Horn Island.

**Offshore:** Adverse weather hindered offshore operations.

**Boom:** Boom maintenance continued in all areas of Bayou La Batre. Resetting and repairing boom in all areas affected by recent storms. 1,000' deployed in the past 24 hours.

##### FLORIDA

**Shoreline:** Alerted to stranded dolphin on Langdon Beach. Coast Guard coordinated with Wildlife for the appropriate rescue. Responded to a report of tar balls in Panama City area. Conducted beach patrols but found nothing to report. Night Operations discovered oil on Pensacola Beach and notified contractors. Cleaning began at 0600 and continued through the day. Dispatched 20 personnel to the Ft. Pickens area to assist with shoreline cleanup. Oil reported at Miramar Beach and cleanup crews have responded. Over 7,900 bags of oily debris were collected in Escambia County.

**Nearshore:** Dispatched 12 boats to the Ft. Pickens/Navy Lighthouse to recover heavy oil entering the pass. Task Force #1 secured at 1300 due to extreme weather. Vessels continued skimming around Destin and Pensacola.

**Offshore:** Adverse weather hindered offshore operations.

**Boom:** Deployed 13,100' of boom to Port St. Joe. Re-anchored boom at Deadman Island.

### Claims

**\$20 billion Claims Fund** – Last week, BP announced it will establish an independent claims facility to be administered by Ken Feinberg. BP remains committed to making sure that everyone who has lost income as a result of the oil spill is compensated. BP is working closely with Mr. Feinberg to establish processes moving forward and to ensure there is no lapse in payments during whatever transition may be necessary.

**Filing Claims / Claims Offices** – 33 Claims Offices are open across the Gulf Coast to provide locations where people can go to file or discuss claims. The contact number for claims is (800) 440-0858. Claims can also be filed online at: [www.bp.com/claims](http://www.bp.com/claims). For detailed information about filing claims, including office location, information about government claims, business claims, documentation requirements and where translators are located, visit BP's web site at: <http://www.bp.com/sectiongenericarticle.do?categoryId=9033791&contentId=7062345>

### State-by-State Claims Summary as of June 24

Alabama Counties	Claims Paid
Mobile	\$14,777,447
Baldwin	\$7,101,313
Monroe	\$121,920
Montgomery	\$81,098
Covington	\$62,500
Clarke	\$58,575
Jefferson	\$58,201
Shelby	\$57,950
Madison	\$42,414
Escambia	\$37,686
Tuscaloosa	\$31,948
Marengo	\$31,400
Wilcox	\$27,000
Walker	\$25,000
Greene	\$23,170
Washington	\$22,714
Dale	\$20,924
Chilton	\$20,000
Etowah	\$14,945
Saint Clair	\$14,760
Other Counties	\$483,747
Alabama Total	\$23,114,713

Florida Counties	Claims Paid
Escambia	\$3,530,629
Franklin	\$3,323,987
Okaloosa	\$3,131,147
Bay	\$2,595,299
Santa Rosa	\$1,946,867
Wakulla	\$707,580
Gulf	\$520,721
Walton	\$467,296
Orange	\$234,610
Pasco	\$134,257
Duval	\$132,690
Hillsborough	\$78,126
Leon	\$77,420
Pinellas	\$67,447
Liberty	\$56,420
Washington	\$42,500
Taylor	\$31,933
Lee	\$30,000
Collier	\$25,300
Gadsden	\$24,350
Jackson	\$21,938
Monroe	\$21,352
Calhoun	\$21,075
Manatee	\$20,952
Holmes	\$20,000
Other Counties	\$372,825
Florida Total	\$17,636,721

Louisiana Parishes	Claims Paid
Terrebonne	\$12,629,456
Jefferson	\$12,407,550
Plaquemines	\$11,971,400
Lafourche	\$7,596,007
Saint Bernard	\$5,033,980
Orleans	\$3,348,330
Saint Tammany	\$3,114,130
Vermilion	\$1,981,760
Calcasieu	\$1,539,306
Saint Charles	\$1,445,519
Iberia	\$1,100,675

James A. Watson  
Rear Admiral, USCG  
Federal On-Scene Coordinator

June 22, 2010

Dear Admiral Watson:

In compliance with the May 26, 2010, Dispersant Monitoring and Assessment Directive - Addendum 3 (the "Directive"), Houma Unified Command has eliminated the surface application of dispersants, except in cases where an exemption is requested and justified, and approved by the Federal On-Scene Coordinator.

Houma Unified Command has five (5) spotter visual reports from 22 June of multiple slicks of dispersible oil (Attachment 1) and the NOAA Surface Oil Forecast for 23 June shows extensive areas of heavy and medium oil (Attachment 2). Weather is suitable for aerial dispersant operations with forecast indicating scattered showers and thunderstorms with winds 10-15 knots SSE, waves 2 feet, ceiling 3,500', visibility 5-10 nm with a 50% chance of rain.

Houma Unified Command anticipates that, due to the weather, location, distribution (1,800 sq.mi.) and size of the multiple oil slicks identified the use of mechanical recovery and ISB to recover or remove the oil in the target area will be insufficient to remove the spill volume on June 23, 2010. Prior to spray operations the spotter aircraft will identify the high value targeted slicks and will direct spray aircraft to the heaviest portions of the slick.

Pursuant to a request this date from Unified Command, the following information is provided.

- Estimated size of identified dispersible oil slick targets proposed in designated zones: this information is included in Table 1 with the estimate of the amount of dispersant needed to treat these slicks.
- Explicit justification for why these targets can't be skimmed or addressed by other mechanical means: The use of mechanical recovery to recover or remove the oil in the identified target areas will be insufficient to remove the estimated dispersible oil volumes that we have estimated for tomorrow. The targeted oil herein is dispersible oil and dispersible oil is not the only oil demanding mechanical recovery assets. The geographic area of the spill site contains a combination of dispersible oil, heavy sheens and emulsified oil. Mechanical recovery devices are required elsewhere throughout the entire geographic area to address all areas and all oils that can be recovered mechanically and not just the dispersible oils and are therefore otherwise engaged. Generally the skimming

vessels are concentrated near the source site so that they can remain in the heaviest oil and collect the highest volume of oil. Other skimming assets are deployed nearshore to recover oil before it comes ashore.

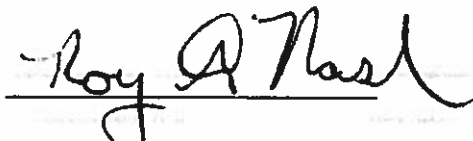
- Tabulation of number of assets (skimmers, etc.) in service today and how many assets are available yet not in service: A daily summation of skimmers in the source area and outside the source is now being provided daily to the Aerial Dispersant Group for insertion in this report (Attachment 3). Our review of the assets listed below reveal that they are engaged in skimming operations with some out of service for various reasons.
- It is planned to conduct multiple Tier 1 helicopter SMART overflights to observe dispersant operations. Additionally, the M/V *International Peace* will be conducting sampling operations. QA/QC SMART report for 21 June, 2010.

Accordingly, in accordance with the Directive, the Houma Unified Command respectfully requests an exemption to apply EC9500A in volumes on oil slicks determined after tomorrow mornings reconnaissance flights. The reason for this request is that weather during most of the day prevented over flights to locate the oil slicks and conduct spraying. It is expected that since both skimming and ISB operations were limited or not operational today and ISB will not be operational tomorrow that there will be significantly more oil slicks in the operational area. We have identified oil slicks that require over 10,000 gallons of dispersant, and request approval to commence early operations with 5,000 gallons of dispersant to initial slicks identified in the first morning over flights.

Sincerely,

Houma Unified Command

Exemption approved subject to the above:



Date:

6/23/2010

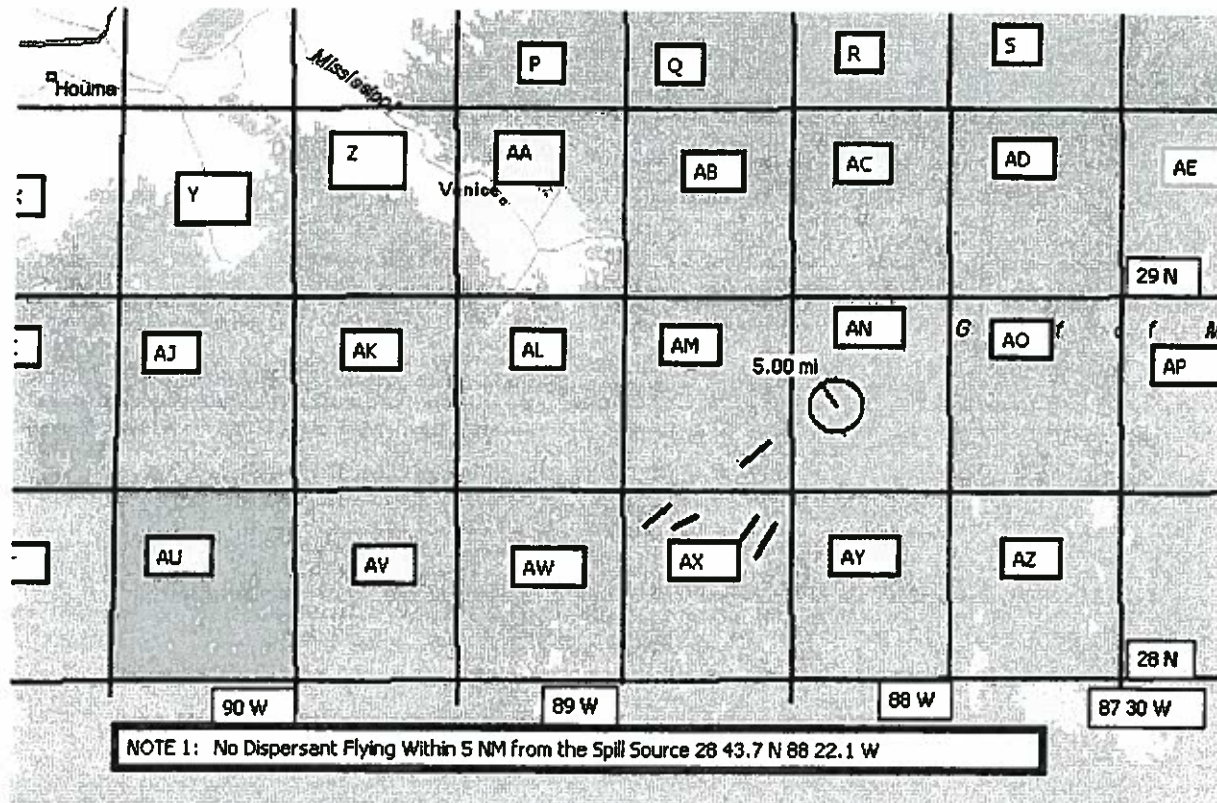
James A. Watson  
Rear Admiral, USCG  
Federal On-Scene Coordinator

FOR

NOTE: TOP HAT was removed under an "emergency drive off" based on alarms received at 0943. Hat is off at time of signing. RAN



# **Dispersant Zone Map for 23 June 2010 with Oil Targets from Spotter Operations on 22 June**



**TABLE 1  
 Dispersible Oil Report June 22, 2010**

Zone	# of slicks reported	Area in acres	Estimated percentage dispersible oil	Dispersant Needed (1/20 DOR)
AX	4	8,160	45	887
AM	1	19,200	10	9,600
<b>TOTAL</b>	<b>5</b>	<b>27,360</b>		<b>10,487</b>

**Note:** Table 1 shows our intentions based upon our observations the day before these actions take place. Size and location of slicks will change. Activities within slick areas e.g., skimming operations, in-situ burning, etc., or weather conditions may require revisions to the actual operational plan implemented.

# Nearshore Surface Oil Forecast Deepwater Horizon MC252

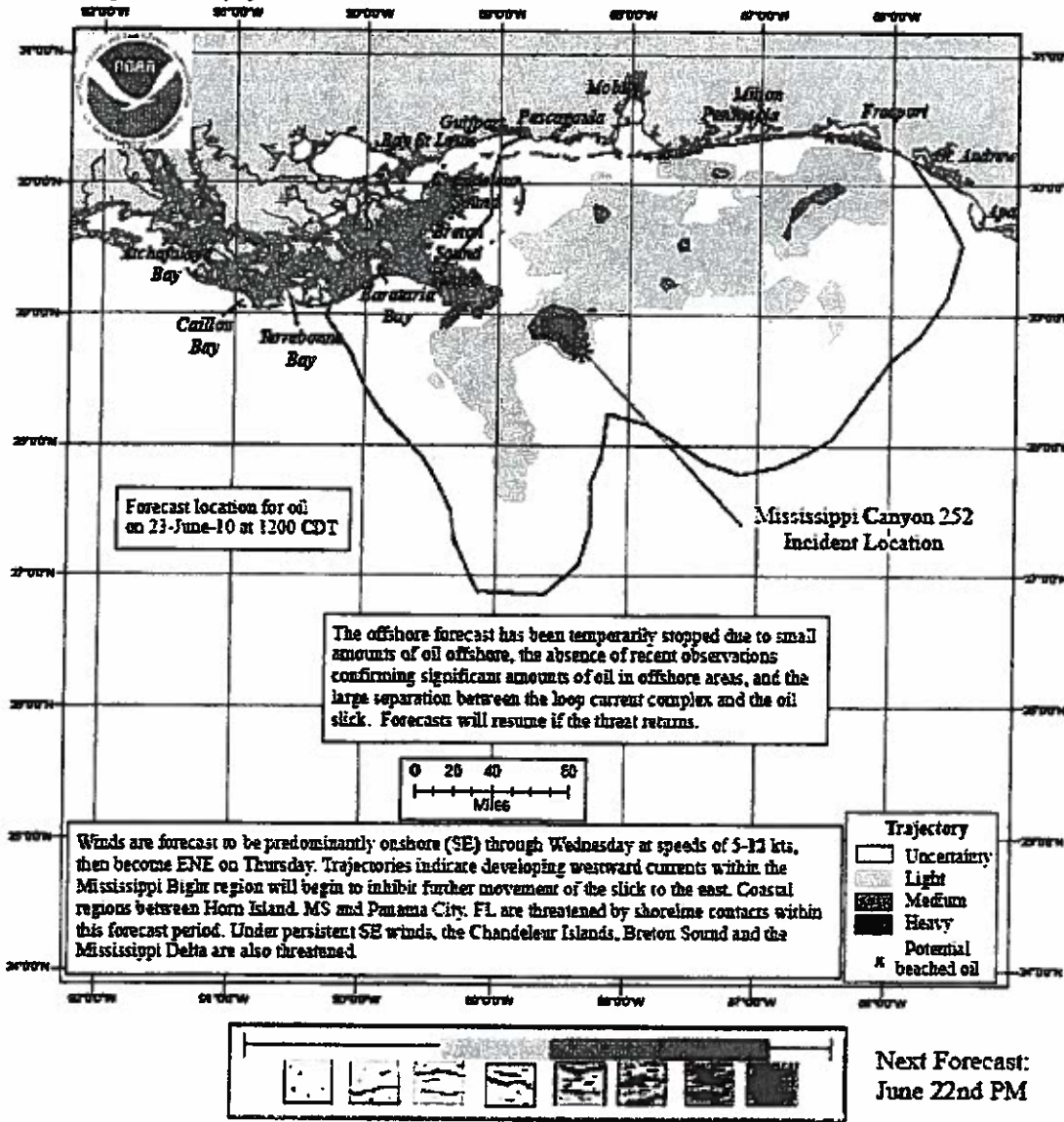
NOAA/NOS/OR&R

Nearshore

Estimate for: 1200 CDT, Wednesday, 6/23/10

Date Prepared: 2100 CDT, Monday, 6/21/10

This forecast is based on the NWS spot forecast from Monday, June 21 PM. Currents were obtained from several models (West Florida Shelf/USF, TGLO/TAMU, NAVO/NRL) and HFR measurements. The model was initialized from Sunday satellite imagery analysis (NOAA/KESDIS) and Monday overflight observations. The leading edge may contain tarballs that are not readily observable from the imagery (hence not included in the model initialization). Oil near bay inlets could be brought into that bay by local tidal currents.





Attachment 3

## Vessel Status Board

		SOURCE		Date/Time 22 June 0700		
Designator	Kind/Type	Vessel	Assignment	Status	Location	ETA
LAR	RV1/Weir	Louisiana Responder	MSRC	Skimming	MC-252	
GCR	RV1/Weir	Gulf Coast Responder	MSRC	Skimming	MC-252	
TXR	RV1/Weir	Texas Responder	MSRC	Skimming	MC-252	
MER	RV1/Weir	Maine Responder	MSRC	Skimming	MC-252	
MSR	RV1/Weir	Mississippi Responder	MSRC	Skimming	MC-252	
SOR	RV1/Weir	Southern Responder	MSRC	Skimming	MC-252	
DER	RV1/Weir	Delaware Responder	MSRC	Skimming	MC-252	
VAR	RV1/Weir	Virginia Responder	MSRC	Skimming	MC-252	
FOR	RV1/Weir	Florida Responder	MSRC	Skimming	MC-252	
ALB	RV1/Weir	Alabama Responder	MSRC	Skimming	MC-252	
HOSS	RV1/Belt	CGA HOSS Barge (Crosby Sun)	TF HOSS	Skimming	MC-252	
SV	RV1/Weir	Seacor Vanguard (Current Buster 2 ea)	Buster	Skimming	MC-252	
JC	RV1/Weir	John Coghill (Current Buster)	Buster	Skimming	MC-252	
LR	RV1/Weir	Lara Rose (NRC VOSS)	NRC	Equipment	MC-252	
PER	RV1/Belt	NRC Perseverance	NRC	Medicine	MC-252	
LF	RV1/Belt	Lynne Frink (NRC Marco)	NRC	Skimming	MC-252	
LB	RV1/Belt	NRC Liberty (Disq)	NRC	Skimming	MC-252	
NG	RV1/Weir	Noonie G (w/CGA FRU)	CGA	Skimming	MC-252	
IT	RV1/Weir	International Trooper (w/CGA FRU)	CGA	Skimming	MC-252	
CAR	RV1/Weir	Ms. Caroline (w/CGA FRU)	CGA	Equipment	MC-252	
MA	RV1/Weir	Mr. Alex (w/CGA FRU)	CGA	Skimming	MC-252	
RE	RV1/Belt	Rene (Navy Marco)	RE	Equipment	MC-252	
RF	RV1/Belt	Rafael (Navy Marco)	RF	Equipment	MC-252	
PT	RV1/Weir	Parkinson (NRC VOSS)	NRC	Skimming	MC-252	
SW	RV1/Weir	Seacor Washington (Dutch arm)		Skimming	MC-252	
HM	RV1/Weir	HOS Mytique (Dutch arm)		Skimming	MC-252	
SW	RV1/Weir	Sweetwater (Dutch Arm)		Skimming	MC-252	
JMC	RV1/Weir	Jason M. C. (Dutch Arm)		Skimming	MC-252	
BO	RV1/Belt	NRC Bona	NRC	Skimming	MC-252	
RE	RV1/Belt	Rene (NRC VOSS)	NRC	Skimming	MC-252	
PT	RV1/Belt	Parkinson (NRC VOSS)	NRC	Skimming	MC-252	
NG	RV1/Weir	Noonie G (w/CGA FRU)	CGA	Skimming	MC-252	
IT	RV1/Weir	International Trooper (w/CGA FRU)	CGA	Skimming	MC-252	

## QA/QC SMART REPORT

Deepwater Horizon Incident - Houma Incident Command Center

### SMART Tier 1 Data Quality Assessment and Review

SMART Tier 1 data consists of observations summarized in an Activity Log (Unit Log ICS 214-CG) and pre- and post-application photographs and associated photo log of dispersant spray operations. This form documents the results of a preliminary quality assessment review of these documents.

Smart Air Team #: 2 Date: 6/21/2010  
Operational Period: 20100621 0700 to 20100621 1528

#### Data Review (Check documents that were reviewed)

☒ Unit Log - ICS 214 CG☐ Photographs (How many reviewed? 0)

no photos or photo log  
available

☐ Photo Log☒ Dispersant Observation Reporting Form 30

#### Assessment (Check appropriate box(es))

☐ Concur with SMART observer findings (reasonableness of findings)☐ Issues of note from data review. Briefly describe.

did not make pre-dispersant observations

☐ Dispersant is effective based on review of Activity log, photographs, and photo log.☐ Results inconclusive with respect to dispersant effectiveness.☒ Other. Briefly describe.

no noticeable dispersion - need more energy

Reviewed by Dispersant Assessment Group Member (Print name, sign, and date)

Name: Mike P. Kelly Signature: [Signature] Date: 6/22/10

Reviewed by NOAA SSC (Print name, sign, and date)

Name: Ed L. Linton Signature: [Signature] Date: 6-22-10

James A. Watson  
Rear Admiral, USCG  
Federal On-Scene Coordinator

June 23, 2010

Dear Admiral Watson:

In compliance with the May 26, 2010, Dispersant Monitoring and Assessment Directive - Addendum 3 (the "Directive"), BP Exploration & Production Inc. ("BP") has eliminated the surface application of dispersants, except in cases where an exemption is requested and justified, and approved by the Federal On-Scene Coordinator.

Houma Unified Command has nine (9) spotter visual reports from 23 June of multiple slicks of dispersible oil (Attachment 1) and the NOAA Surface Oil Forecast for 24 June shows extensive areas of heavy and medium oil (Attachment 2). Weather is suitable for aerial dispersant operations with forecast indicating isolated showers and thunderstorms with winds 10-15 knots SE, waves 2 feet, ceiling good except 1,000 around thunderstorms, visibility 5-10 nm and chance of rain is 20%..

Houma Unified Command anticipates that, due to the weather, location, distribution (3,600 sq.mi.) and size of the multiple oil slicks identified the use of mechanical recovery and ISB to recover or remove the oil in the target area will be insufficient to remove the spill volume on June 24, 2010.

Prior to spray operations the spotter aircraft will identify the high value targeted slicks and will direct spray aircraft to the heaviest portions of the slick.

Pursuant to a request this date from Unified Command, the following information is provided.

- Estimated size of identified dispersible oil slick targets proposed in designated zones: this information is included in Table 1 with the estimate of the amount of dispersant needed to treat these slicks.
- Explicit justification for why these targets can't be skimmed or addressed by other mechanical means: The use of mechanical recovery to recover or remove the oil in the identified target areas will be insufficient to remove the estimated dispersible oil volumes that we have estimated for tomorrow. The targeted oil herein is dispersible oil and dispersible oil is not the only oil demanding mechanical recovery assets. The geographic area of the spill site contains a combination of dispersible oil, heavy sheens and emulsified oil. Mechanical recovery devices are required elsewhere throughout the entire geographic area to address all areas and all oils that can be recovered mechanically and not just the

6/24/2010

Page 2

dispersible oils and are therefore otherwise engaged. Generally the skimming vessels are concentrated near the source site so that they can remain in the heaviest oil and collect the highest volume of oil. Other skimming assets are deployed nearshore to recover oil before it comes ashore.

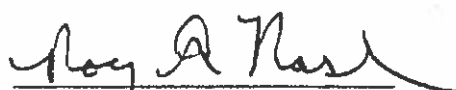
- Tabulation of number of assets (skimmers, etc.) in service today and how many assets are available yet not in service: A daily summation of skimmers in the source area and outside the source is now being provided daily to the Aerial Dispersant Group for insertion in this report (Attachment 3). Our review of the assets listed below reveal that they are engaged in skimming operations with some out of service for various reasons.
- It is planned to conduct multiple Tier 1 helicopter SMART overflights to observe dispersant operations. Additionally, the M/V *International Peace* will be conducting sampling operations. QA/QC SMART report for June 22, 2010 are not available.

Accordingly, in accordance with the Directive, the Houma Unified Command respectfully requests an exemption to apply EC9500A in volumes on oil slicks determined after tomorrow mornings reconnaissance flights. The reason for this request is we expect to see substantially more oil slicks due to the removal of the top cap, no ISB operations and reduced skimming operations. We request to commence early operations with 5,000 gallons of dispersant to initial slicks identified and then request a subsequent amount to spray based on the full spotter reports

Sincerely,

Houma Unified Command

Exemption approved subject to the above:



ROY A. NASH  
James A. Watson

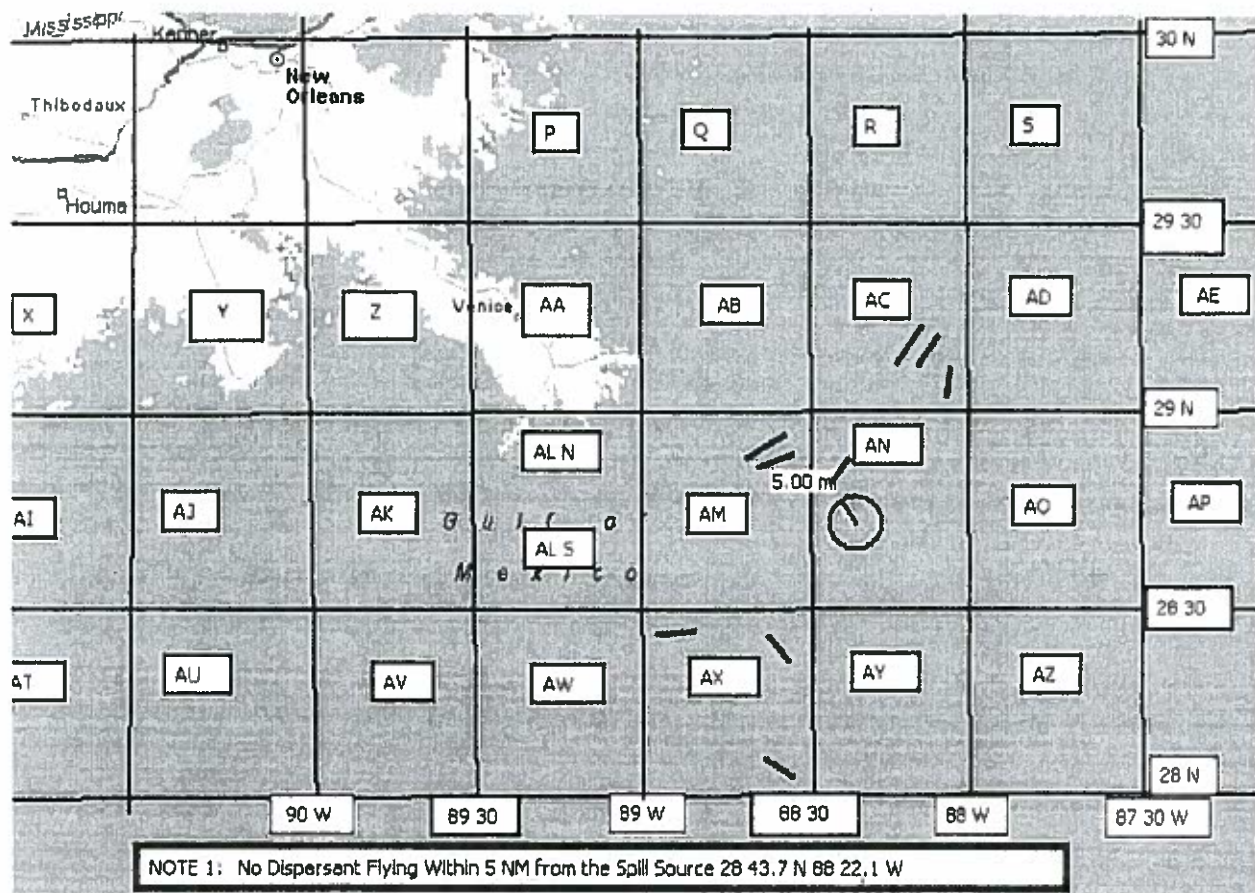
Rear Admiral, USCG  
Federal On-Scene Coordinator

Date: 6/24/2010

Deputy

Attachment 1

# **Dispersant Zone Map for 24 June 2010 with Oil Targets from Spotter Operations on 23 June**



**TABLE 1  
 Dispersible Oil Report June 24, 2010**

Zone	# of slicks reported	Area in acres	Estimated percentage dispersible oil	Dispersant Needed (1/20 DOR)
AC	3	12,800	20%	10,800
AM	2	72	40%	140
AN	1	31	30%	960



Rear Admiral James A. Watson

**6/24/2010**

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AX	3	810	30%	1,850
<b>TOTAL</b>	<b>9</b>	<b>12,903</b>		<b>13,750</b>

**Note: Table 1 shows our intentions based upon our observations the day before these actions take place. Size and location of slicks will change. Activities within slick areas e.g., skimming operations, in-situ burning, etc., or weather conditions may require revisions to the actual operational plan implemented.**

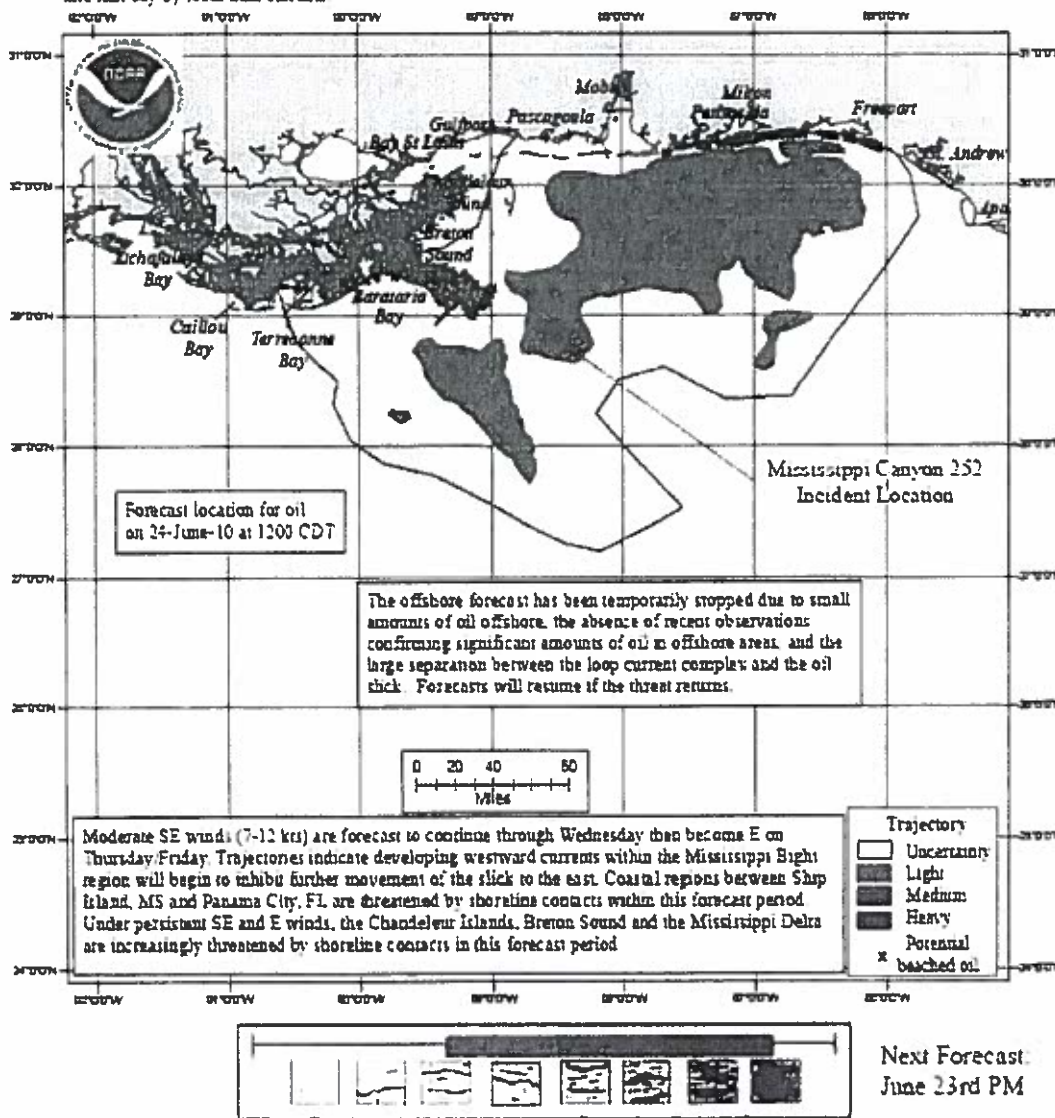
# Nearshore Surface Oil Forecast Deepwater Horizon MC 252

NOAA/NOS/OR&R

Nearshore

Estimate for 1200 CDT, Thursday, 6/24/10  
 Date Prepared: 2100 CDT, Tuesday, 6/22/10

This forecast is based on the NWS spot forecast from Tuesday, June 22 PM. Currents were obtained from several models (West Florida Shelf/USE, TGLO TAMU, NAVO/NRL) and HFR measurements. The model was initialized from Tuesday satellite imagery analysis (NOAA/NESDIS) and overflight observations. The leading edge may contain turbidity that are not readily observable from the imagery (hence not included in the model initialization). Oil near bay inlets could be brought into that bay by local tidal currents.



this scale bar shows the increasing of the distribution terms of the current/frost

## Vessel Status Board

SOURCE				Date/Time 23 June 1400		
Designator	Kind/Type	Vessel	Assignment	Status	Location	ETA
LAR	RV1/Weir	Louisiana Responder	MSRC	Skimming	MC-252	
GCR	RV1/Weir	Gulf Coast Responder	MSRC	Skimming	MC-252	
TWR	RV1/Weir	Texas Responder	MSRC	Scheduled Pit Stop	Fl Jackson - 0/23 - 0/23	
MER	RV1/Weir	Maine Responder	MSRC	Skimming	MC-252	
MSR	RV1/Weir	Mississippi Responder	MSRC	Skimming	MC-252	
SOR	RV1/Weir	Southern Responder	MSRC	Skimming	MC-252	
DER	RV1/Weir	Delaware Responder	MSRC	Skimming	MC-252	
VAR	RV1/Weir	Virginia Responder	MSRC	Skimming	MC-252	
FLR	RV1/Weir	Florida Responder	MSRC	Reassigned Mobile	Mobile	
NJR	RV1/Weir	New Jersey Responder	MSRC	Reassigned Mobile	Mobile	
HOSS	RV1/Belt	CGA HOSS Barge (Crosby Sun)	TF HOSS	Skimming	MC-252	
SV	RV1/Weir	Seacor Vanguard (Current Buster 2 mi)	Buster	Equipment	Fourchon - 0/22	
JC	RV1/Weir	Seacor John Coghill (Current Buster)	Buster	Skimming	MC-252	
LR	RV1/Weir	Lana Ross (NRC VOSS)	NRC	Skimming	MC-252	
DELMAR (D)	RV1/Belt	NRC Delaware (D)	NRC	Reassign Non-Source	Non-Source	
LF	RV1/Belt	Lynne Fink (NRC Marco)	NRC	Equipment	Verde - 0/22	
LIE	RV1/Belt	NRC Liberty (Duc)	NRC	Equipment	Verde - 0/22	
NG	RV1/Weir	Noelle G (w/CGA FRU) - Ampol	CGA	Skimming	MC-252	
IT	RV1/Weir	International Trooper (w/CGA FRU) - Ampol	CGA	Skimming	MC-252	
KB	RV1/Weir	Kim B (w/CGA FRU) - Ampol	CGA	Skimming	MC-252	
MA	RV1/Weir	Mr. Alex (w/CGA FRU) - Ampol	CGA	Skimming	MC-252	
RE	RV1/Belt	Rene (Navy Marco)	Frd	Equipment	Gulport - 0/22	
RE (D)	RV1/Belt	Reactive Flooding (NRC Marco)	NRC	Reassign Non-Source	Non-Source	
PT	RV1/Weir	Pauline T (NRC VOSS)	NRC	Skimming	MC-252	
SW	RV1/Weir	Seacor Washington (Dutch Arm)		Skimming	MC-252	
HM	RV1/Weir	HOS Masyique (Dutch Arm)		Skimming	MC-252	
SW	RV1/Weir	HOS Sweetwater (Dutch Arm)		Skimming	MC-252	
JMB	RV1/Weir	Donna Baldet 171 MC900S	Gulp	Reassigned Mobile	Mobile	
AD	RV1/Belt	NRC Admiral	Gulp	Reassign Non-Source	Non-Source	
BH	RV1/Belt	Seahorse VI (NRC VOSS)	NRC	Reassign Non-Source	Non-Source	
FP	RV1/Belt	Baseline T (NRC VOSS)	NRC	Reassign Non-Source	Non-Source	
REG	RV1/Weir	Ampol Recovery (w/CGA FRU)	CGA	Reassigned Mobile	Mobile	
RES	RV1/Weir	Ampol Responder (w/CGA FRU)	CGA	Reassigned Mobile	Mobile	
402	TV2	MSRC 402 Barge (Kimberly Colie)	TF Storage	On-scene	MC-252	
452	TV1	MSRC 452 Barge (Tara Crosby)	TF Storage	Standby	Fl Jackson	
570	TV1	MSRC 570 Barge (Crosby Clipper)	TF Storage	Offloading	Pilotown	
155	TV1	K-Bas DBL-155 (Rebel)	TF Storage	On-scene	MC-252	
Costner	TV1	Energy 8001 (Superior Service) Costner	TF Storage	Non Operational	Fourchon	



Rear Admiral James A. Watson

**6/24/2010**

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POB Status Report MC-252 Source Control site  
23rd June

Drilling Vessels	Evade Sequence	Operational Activity (or comment)	Personnel			Hull	T-Time (hrs)	Return		
			Non Essential	Essential	Total			Return Sequence	Restart time (once in field) (hrs)	Restart Operation
Development Driller 2	Per T-Time	Relief well	37	126	163	Yes	96	Asap	72	relief well
Development Driller 3	Per T-Time	Relief well	78	118	196	Yes	114	Asap	90	relief well
<b>Containment Vessels</b>	<b>Evade Sequence</b>	<b>Drilling sub totals</b>	<b>115</b>	<b>244</b>	<b>359</b>			<b>Return Sequence</b>		
Discoverer Enterprise	1	Containment & flare	44	142	186	Yes	114	2	38	Top hat #4
Helix O4000	2	Flare	0	134	134	Yes	68		72	Containment
Helix Producer 1	Not in field	Containment	33	43	76	Yes	1	-	-	-
Clear Leader	Not in field	Containment	25	118	144	Yes	24	-	-	-
Tolosa Places	Not in field	Containment			0	Yes		-	-	-
<b>Construction Vessels</b>	<b>Priority to Remain</b>	<b>Containment sub totals</b>	<b>102</b>	<b>438</b>	<b>540</b>			<b>Priority to Return</b>		
Skandi Neptune	P1	Dispersant	49	27	76	Yes	6	P1	12	Dispersant
Ocean Intervention 3	P1	Multipurpose construction	6	53	59	Yes	1	P1		Construction
HOS Achiever	P2	CDP construction						P1		CDP construction
Boa Deep C	P2	Multipurpose construction	38	37	75	Yes	1	P2		Construction
Olympic Challenger	P2	Construction	47	21	68	Yes	0	P2		Construction
Helix Express	P3	CDP construction	13	94	107	Yes	12	P3		CDP construction
Choquest Holiday	P3	CDP construction						P3		CDP construction
West Sirius	P3	CDP construction			0	Yes	64	P3		CDP construction
<b>Support Vessels</b>	<b>Evade Sequence</b>	<b>Construction sub totals</b>	<b>153</b>	<b>232</b>	<b>385</b>			<b>Priority to Return</b>		
Off-take hose string Seacor Venture Mary Moran	1	Off-take hose string Hose Support Vsl Hose Support Vsl	-	-	-	No No	28	2	6	
Massachusetts & Paul T. Catherine C. Moran	1	Off-take ATB Support Tug	-	-	0	Yes	4	3	6	
Overseas Cascade Forte	1	Off-take Tanker Support Tug	-	10	10	No No	4	3	6	
Loch Rannoch	Not in field	Storage Tanker	-	-	-	Yes		3		
Navion Fennia	Not in field	Storage Tanker	-	-	-	-		3		
Evi Knutson	Not in field	Storage Tanker	-	-	-	-		3		
Normand Commander	3	Large vsl - fire support	-	20	20	Yes	1		1	Fire support
Rem Forza	3	Large vsl - fire support	-	27	27	Yes	1		1	Fire support
Tyler Stephen	1	Fire support	-	20	20	No	1		1	Fire support
Monica Ann	1	Fire support	-	20	20	No	1		1	Fire support
Adriatic	2	Dispersant	-	-	0	No	0		0	Dispersant
HOS Super H	2	Dispersant	5	7	12	No	1		1	Dispersant
<b>Support sub totals</b>			<b>5</b>	<b>104</b>	<b>109</b>					
<b>Total Personnel</b>			<b>222</b>	<b>786</b>	<b>1008</b>	* MODU's and Off-take hose have additional 24 hours evade time				

To be added or removed from this distribution list email MC252\_simops@bp.com



Doug Suttles

Chief Operating Officer



Exploration & Production  
BP America Inc.  
501 WestLake Park Boulevard  
Houston, TX 77079

June 23, 2010

James A. Watson  
Rear Admiral, USCG  
Federal On-Scene Coordinator

**Guidance on Subsea Dispersant Application**

Direct 281 366 3969  
Fax 281 366 7239  
Doug.Suttles@bp.com

Dear Admiral Watson,

On June 8, you approved GoM Drilling, Completions, and Interventions – MC 252: Guidance on Subsea Dispersant Application Ops Note #3. You approved this plan through June 30, 2010. The plan was predicated on the then current Federal Flow Rate Technical Group (FRTG) estimates of the MC 252 oil leak which ranged from 12,000 to 19,000 bbls per day. The rate of application was determined as follows

- Assume flow rate of 19,000 bbls/day
- Calculate oil escaping by subtracting oil captured by containment system from 19,000 bbls/day
- Apply dispersant at dispersant to oil ratio of 1:20

On June 15 the FRTG announced an improved estimate of the flow rate from MC 252 leak. The new estimate ranges from 35,000 bbls per day to 60,000 bbls per day. Accordingly, we have recalculated the application rates for subsea dispersant based on an assumed flow rate of 35,000 bbls/per day. Depending upon the volume of oil captured each day, the target EC9500A subsea dispersant application rate ranges from 5 to 20 gallons per minute.

Application of dispersant subsea has been demonstrated to be an effective tool in managing the safety of containment operations. Over time a correlation has been observed between the application of dispersant and the rise in volatile organic compounds (VOCs) and hydrocarbon vapor concentrations at the surface in the area of the source. The data for the 15<sup>th</sup> and 16<sup>th</sup> of June show a step up in VOC readings at the Discoverer Enterprise shortly after the reduction of dispersant application rate from 7 gpm to 4 gpm is clear.

The May 26, 2010, Dispersant Monitoring and Assessment Directive – Addendum 3 (the "Directive") defines a limit for subsea dispersant application of 15,000 gallons per day. This is equivalent to a sustained application rate of 10.4 gallons per minute.

Rear Admiral Jim Watson

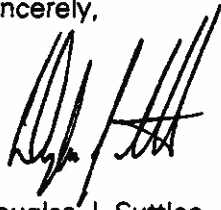
June 23, 2010

Page 2

For the purpose of VOC control, increases in the application rate of subsurface dispersants will be limited to conditions where winds are weak (<10 knots) or VOC readings indicate potential health concerns. While this authority is granted to the OSC in the National Contingency Plan, all attempts will be made to maintain the 15,000 gallon per day subsurface cap outlined in Addendum 3 of the Dispersant Monitoring and Assessment Directice.

When the next containment system is fully operational, we will revisit this plan.

Sincerely,



Douglas J. Suttles

Approval granted subject to the above:



James A. Watson  
Rear Admiral, USCG  
Federal On-Scene Coordinator

Date: 6/23/10

## **Watson, James RADM**

---

**From:** Carroll.Craig@epamail.epa.gov  
**Sent:** Thursday, June 24, 2010 10:59 AM  
**To:** Perry, Raymond CAPT; Watson, James RADM  
**Cc:** Austin, Meredith CAPT; Laferriere, Roger CAPT; Mason.Steve@epamail.epa.gov; Coleman.Sam@epamail.epa.gov; Crossland.Ronnie@epamail.epa.gov; R6\_DWH\_REOC\_RIC@epamail.epa.gov  
**Subject:** Fw: Final dispersant request for 24 June

Admiral Watson,

Per the request of Capt. Perry just now via phone call, I have reviewed the request below for 22,400 gallons for June 24, 2010 and consulted with EPA Region 6. EPA concurs with the request of 17,400 gallons, in addition to the 5,000 gallons approved this morning, based on spotter plane reconnaissance which brings the total to 22,400 gallons for aerial dispersant application for June 24, 2010.

As EPA and USCG have discussed in the past, EPA expects dispersant use will continue to decline as more oil is collected from the source and as mechanical recovery capabilities increase. We look forward to continuing our discussions on reducing dispersant use and achieving 90% source recovery.

Craig Carroll  
Chief, Emergency Readiness Section  
EPA Region 6  
Ph: 214-665-2220  
Fax: 214-665-9718

----- Forwarded by Craig Carroll/R6/USEPA/US on 06/24/2010 10:50 AM -----

From: "Charlie Huber" <HuberCharlesA@hotmail.com>  
To: "Utsler, Mike J" <mike.utsler@uk.bp.com>  
Cc: "'Ken Schacht'" <Schacht@msrc.org>, "'Mike Gass'" <MGass@cleancaribbean.org>, "'Marie BenKinney'" <benkinneym@exponent.com>, "'Debbie Scholz'" <dscholz@seaconsulting.com>, <david.rainey@bp.com>, "Ed Rosenberg" <vervision@aol.com>, "John Daigle" <daigle@msrc.org>, "Richard F. Landrum" <rflandrum@embarqmail.com>, "Marcus Russell" <marcusrussell@oilspillresponse.com>, "Perry, Raymond CAPT" <Raymond.J.Perry@uscg.mil>, "Austin, Meredith CAPT" <Meredith.L.Austin@uscg.mil>, "Roger LaFerriere" <roger.r.laferriere@uscg.mil>, Ronnie Crossland/R6/USEPA/US@EPA, Sam Coleman/R6/USEPA/US@EPA, "Nancy Sheets" <sheetsnl@bp.com>, "Jeff Jappe" <jappe@msrc.org>, Craig Carroll/R6/USEPA/US@EPA, "Black, James P \ (PLBU\)" <James.Black@bp.com>  
Date: 06/24/2010 09:44 AM  
Subject: Final dispersant request for 24 June

Mike,

We request approval to spray a TOTAL of 22,400 gallons of dispersant on June 24th based upon the spotter reports of dispersible oil from this mornings overflights (See table below). Since RADM Watson approved the 5,000 gallon initial spray this morning, the final request today is for an additional 17,400 gallons.

Regards,  
Charlie

DISPERSIBLE OIL SUMMARY 24 JUNE 2010  
Reports to 0930

Zone  
# of slicks reported

June 23/24 Area

(acres)  
Estimated percentage dispersible oil  
DOR 1:20  
Request  
Dispersant Needed  
(1/20 DOR)

23 June  
Spotter Report

Dispersant Required  
(gallons)  
24 June AM  
R  
0/1

512  
AN  
1/0  
31  
30%  
960  
-  
AD  
0/1

600  
AX  
0/3  
810  
30%  
1,850  
Waiting on spotter reports  
AC  
3/0

12,800  
20%  
10,800  
Waiting on spotter reports  
AB  
0/1

10,240  
AL  
0/1

800  
AM  
2/2  
72  
40%  
140  
10,240  
TOTAL  
For Today

13,713

22,400  
Initial Sprayed approved

5,000  
Total Remaining

17,400

\*\*\*\*\*  
Charles A. Huber  
Five Captain's Court  
Williamsburg, VA 23185  
Office 757-253-9875  
Cell 757-876-2952  
Fax 757-253-8123  
Email HuberCharlesA@hotmail.com <mailto:HuberCharlesA@hotmail.com>

**Freedhoff, Michal**

**From:** Deepwater Horizon Response External Affairs [donotreply@deepwaterhorizonresponse.com]  
**Sent:** Friday, June 25, 2010 7:05 PM  
**To:** Freedhoff, Michal  
**Subject:** The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill

DATE: June 25, 2010 17:52:25 CST

**The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill****Key contact numbers**

Deepwater

- Report oiled shoreline or request volunteer information: (866) 448-5816
- Submit alternative response technology, services or products: (281) 366-5511
- Submit your vessel for the Vessel of Opportunity Program: (866) 279-7983 or (877) 847-7470
- Submit a claim for damages: (800) 440-0858
- Report oiled wildlife: (866) 557-1401

**The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill**

Prepared by the Joint Information Center

UPDATED June 25, 2010 7 PM

*\* For a full timeline of the Administration-wide response, visit the White House Blog.***PAST 24 HOURS****Admiral Allen Provides Operational Update on the BP Oil Spill Response**

National Incident Commander Admiral Thad Allen provided a briefing to inform the American public about the administration-wide response to the BP oil spill. He addressed contingency plans that would be in place in the event of a tropical storm entering the Gulf of Mexico—and the threshold of gale force winds that would require the Deepwater Horizon drilling site to be evacuated. A transcript is available [here](#).

**Director Bromwich Announces New Oversight and Enforcement Initiatives**

Bureau of Ocean Energy Management, Regulation and Enforcement Director Michael Bromwich—the General who now leads Interior Department reform initiatives to strengthen oversight and policing of oil and gas operations—announced that he will establish an investigations and review unit to expedite his oversight, enforcement and regulatory actions.

The new unit will provide the capacity to investigate allegations of misconduct, unified and coordinate regulations, and be able to respond swiftly to emerging and urgent issues on a bureau-wide level and across the Department.

**Fifth NOAA Ship Adds to Ongoing Research Efforts in the Gulf Coast**

NOAA Ship *Delaware II* departed Key West, Fla., to collect tunas, swordfish and sharks and compile data on migratory species are experiencing in the Gulf of Mexico. During its two-week mission, the research vessel will capture the fish, and assess their environment using sophisticated water chemistry monitoring instruments.

Two other NOAA ships—*Pisces*, one of NOAA's newest research vessels, and the ship *Oregon II*—are currently collecting data on bottom-dwelling fish, and shrimp in the eastern and western Gulf of Mexico to sample for seafood as part of the oil spill response. For a complete list of vessels involved in NOAA's ongoing efforts to engage the public, ensure the health and safety of seafood, click [here](#).

**BP Continues to Optimize Oil Recovery Rates from its Leaking Well**

Under the direction of the federal government, BP continues to capture some oil and burn gas at the wellhead.



technique, despite a temporary interruption earlier this week. In addition to the oil collection aboard the *Discoverer Enterprise*, which is linked by the riser pipe to the wellhead, and the *Q4000*, which continues to flare off additional oil and gas being brought up through the choke line, collection capacity is expected to increase when a third vessel arrives next week and is attached to the kill line.

#### Progress Continues in Drilling Relief Wells

The *Development Driller III* continues to drill the first relief well to a depth of approximately 16,200 feet (11,000 feet below the sea floor), and crews have begun the process of cementing and casing the well liner. The *Development Driller II* has drilled the second relief well—a redundancy measure taken at the direction of the administration—to a depth of approximately 11,800 feet (6,500 feet below the sea floor).

BP has started the "ranging" process—which involves periodically withdrawing the drill pipe and sending an electrical signal down to determine how close they are getting to the wellbore.

#### More than 500 Fish and Wildlife Service Personnel Deployed to Protect Vital Wildlife

The U.S. Fish and Wildlife Service continues to coordinate and supervise search and capture for oiled wildlife—dispatching 528 staff to conduct aerial flights to identify oiled wildlife and helping facilitate recovery and treatment, and leading numerous bird survey teams in Louisiana, Mississippi, Alabama, and Florida to determine the extent of the oil impact on birds. To report oiled wildlife, call the Wildlife Hotline at (866) 557-1401.

#### Approved SBA Economic Injury Assistance Loans Top \$6.5 Million; Deferrals on Existing Disaster Loans Surpass \$2.5 Million per Month

SBA has approved 109 economic injury assistance loans to date, totaling more than \$6.5 million for small businesses in the Gulf Coast impacted by the BP oil spill. Additionally, the agency has granted deferrals on 493 existing SBA disaster loans in the region, totaling more than \$2.5 million per month in payments. For information on assistance loans for affected businesses, visit the SBA's Web site at [www.sba.gov/services/disasterassistance](http://www.sba.gov/services/disasterassistance), call (800) 659-2955 (800-877-8339 for the hearing impaired), or email [disastercustomerservice@sba.gov](mailto:disastercustomerservice@sba.gov).

#### Administration Continues to Oversee BP's Claims Process

The administration will continue to hold the responsible parties accountable for repairing the damage, and repaying Americans who've suffered a financial loss as a result of the BP oil spill. To date, 77,915 claims have been opened, from which more than \$125.9 million have been disbursed. No claims have been denied to date. There are 839 claims adjusters on the ground. To file a claim, visit [www.bp.com/claims](http://www.bp.com/claims) or call BP's helpline at 1-800-440-0858. Those who have already pursued the BP claims process and are not satisfied with BP's resolution can call the Coast Guard at (800) 280-7118. Additional information about the BP claims process and all available avenues of assistance can be found at [www.disasterassistance.gov](http://www.disasterassistance.gov).

#### By the Numbers to Date:

- The administration has authorized the deployment of 17,500 National Guard troops from Gulf Coast states to respond to this crisis; currently, 1,618 are active.
- Approximately 37,000 personnel are currently responding to protect the shoreline and wildlife and cleanup vital coastlines.
- More than 6,500 vessels are currently responding on site, including skimmers, tugs, barges, and recovery vessels to assist in containment and cleanup efforts—in addition to dozens of aircraft, remotely operated vehicles, and multiple mobile offshore drilling units.
- Approximately 2.63 million feet of containment boom and 4.41 million feet of sorbent boom have been deployed to contain the spill—and approximately 825,000 feet of containment boom and 2.23 million feet of sorbent boom are available.
- Approximately 26 million gallons of an oil-water mix have been recovered.
- Approximately 1.51 million gallons of total dispersant have been applied—998,000 on the surface and 515,000 subsea. More than 494,000 gallons are available.
- 275 controlled burns have been conducted, efficiently removing a total of more than 10 million gallons of oil from the open water in an effort to protect shoreline and wildlife. Because calculations on the volume of oil burned can take more than 48 hours, the reported total volume may not reflect the most recent controlled burns.
- 17 staging areas are in place to protect sensitive shorelines.
- Approximately 179 miles of Gulf Coast shoreline is currently oiled—approximately 34 miles in Louisiana, 42 miles in Mississippi, 42 miles in Alabama, and 61 miles in Florida. These numbers reflect a daily snapshot of shoreline currently experiencing impacts from oil so that planning and field operations can more quickly respond to new impacts; they do not include cumulative impacts to date, or shoreline that has already been cleared.
- Approximately 78,600 square miles of Gulf of Mexico federal waters remain closed to fishing in order to balance economic and public health concerns. More than 67 percent remains open. Details can be found at <http://sero.nmfs.noaa.gov/>.
- To date, the administration has leveraged assets and skills from numerous foreign countries and international organizations as part of this



**EPA REGION 6**  
1445 Ross Avenue  
Dallas, Texas 75202

Admiral Watson,

In order to continually improve operational efficiency, EPA concurs with the IC Houma ability to approve up to 5,000 gallons of aerial dispersant per day provided there is documentation of appropriate targets, and that the appropriate monitoring takes place. Based on consultation with the IC Houma, this will allow effective dispersant operations to commence as needed, while at the same time maintaining a process to ensure dispersant use is minimized. This concurrence is in effect as of 06/25/2010 and will remain in effect until further notice by EPA.

For aerial application of volumes over the 5,000 gallons per day the existing concurrence process remains in effect.

Also I think we need to start thinking about a less than daily process for applications of volumes over 5,000 gallons per day. Effectively, EPA would propose that in coordination with the increased recovery capacity, a schedule to phase out the use of dispersants be developed. This plan in the form of milestones and averages, can guide the IC Houma in the decision making. EPA involvement can be less frequent, and additional operational efficiencies can develop. We recognize that there may be occasional exceedances of the plan due to uncontrollable events (i.e., weather or equipment failure). However, setting milestones and goals can only make the process better.

A handwritten signature in black ink, which appears to read "Samuel Coleman", is positioned above the typed name.

*for* Samuel Coleman, P.E.  
Director  
Superfund Division Region 6  
214 665-6701  
214 789-2016 (cell)  
coleman.sam@epa.gov



**EPA REGION 6**  
1445 Ross Avenue  
Dallas, Texas 75202

Admiral Watson,

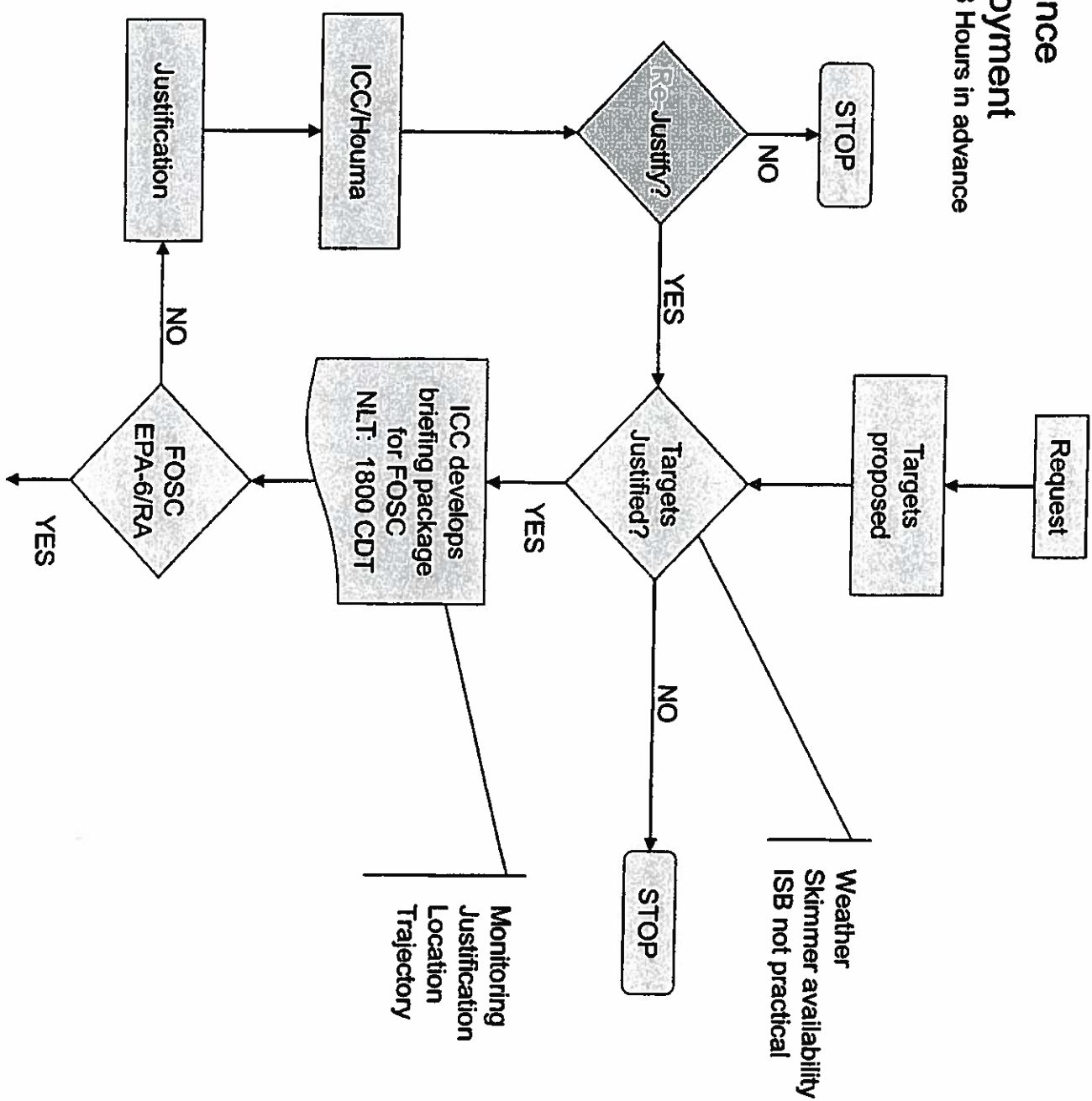
This letter is to rescind and modify the letter I sent yesterday. On reflection, a much better process is as follows:

- IC Houma identifies potential high priority targets by 1800 as discussed in the attached flow diagram. These are forwarded to the FOSC before 2000 each day along with the requested amounts of dispersant to be applied.
- The FOSC reviews the proposal and if he/she agrees forward the request to the EPA Representative for review and concurrence.
- The EPA representative will review and provide comments and/or concurrence for the FOSC by 0700 the following day
- The FOSC will approve the appropriate targets and notify IC Houma for operational implementation.

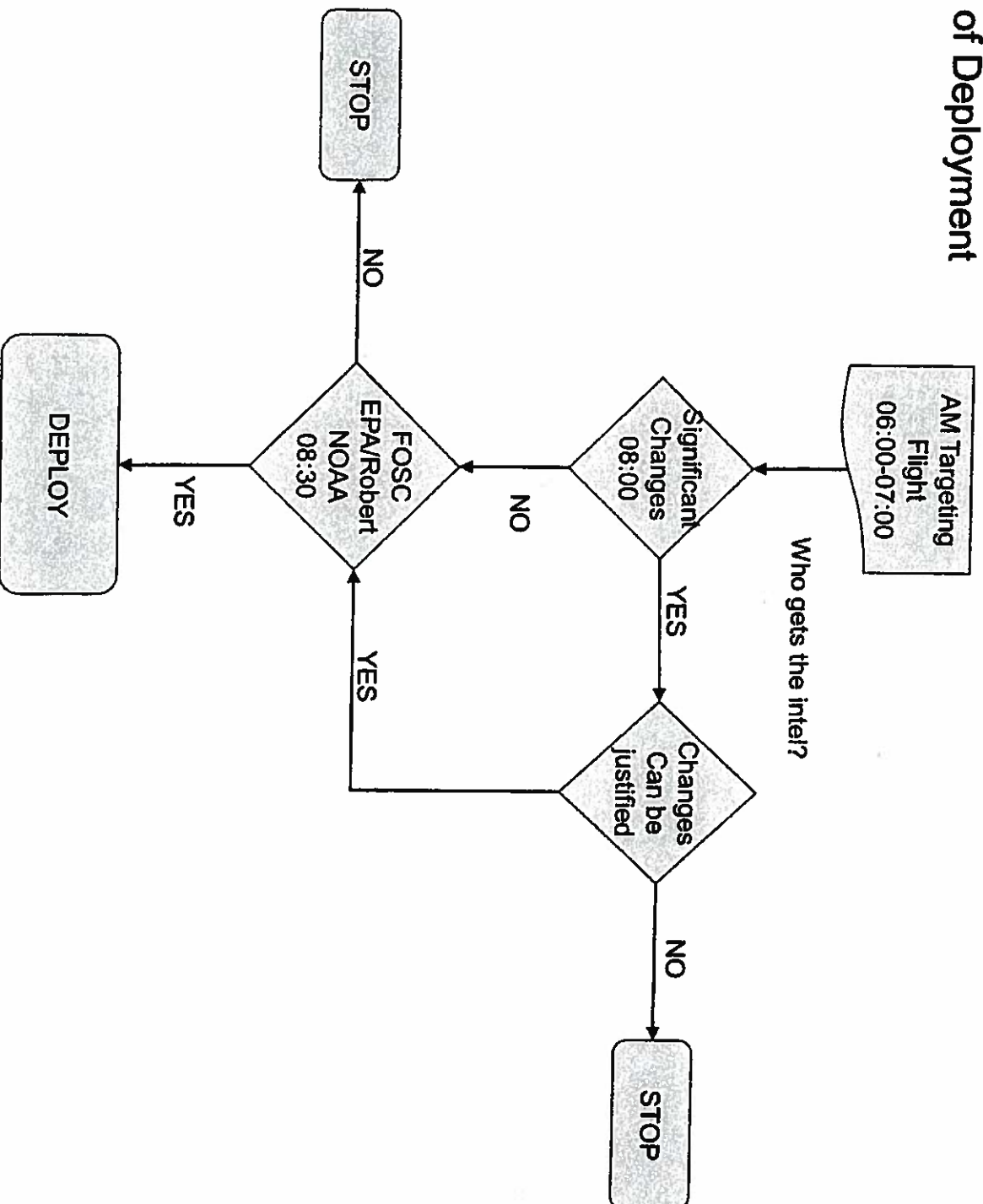
We believe this process provides for the clear decision making and provides the proper management controls for meeting the incident objectives and for adequately justifying the use of dispersant each day. This process also is consistent with other operational decision making. You may implement this revised process as soon as you like. EPA's concurrence with having IC Houma approve the use of any dispersant on a pre-approved 5000 gallon per day basis is rescinded. All dispersant used should be properly justified, and documented. Our current procedures (see attached flow diagram) will meet that requirement. Should you have any questions, please do not hesitate to contact me.

*for*  
Samuel Coleman, P.E.  
Director  
Superfund Division Region 6  
214 665-6701  
214 789-2016 (cell)  
coleman.sam@epa.gov

**Advance  
Deployment**  
NMT 48 Hours in advance



# Morning of Deployment



James A. Watson  
Rear Admiral, USCG  
Federal On-Scene Coordinator

June 24, 2010

Dear Admiral Watson:

In compliance with the May 26, 2010, Dispersant Monitoring and Assessment Directive - Addendum 3 (the "Directive"), BP Exploration & Production Inc. ("BP") has eliminated the surface application of dispersants, except in cases where an exemption is requested and justified, and approved by the Federal On-Scene Coordinator.

Houma Unified Command has ten (10) spotter visual reports from 24 June of multiple slicks of dispersible oil (Attachment 1) and the NOAA Surface Oil Forecast for 25 June shows extensive areas of heavy and medium oil (Attachment 2). Weather is suitable for aerial dispersant operations with forecast indicating isolated showers and thunderstorms in PM with winds 8 -13 knots East, waves 1-2 feet, ceiling good except 1,000 around thunderstorms, visibility 5-10 nm and chance of rain is 20% in the afternoon.

Houma Unified Command anticipates that, due to the weather, location, distribution (5,400 sq.mi.) and size of the multiple oil slicks identified the use of mechanical recovery and ISB to recover or remove the oil in the target area will be insufficient to remove the spill volume on June 25, 2010.  
Prior to spray operations the spotter aircraft will identify the high value targeted slicks and will direct spray aircraft to the heaviest portions of the slick.

Pursuant to a request this date from Unified Command, the following information is provided.

- Estimated size of identified dispersible oil slick targets proposed in designated zones: this information is included in Table 1 with the estimate of the amount of dispersant needed to treat these slicks.
- Explicit justification for why these targets can't be skimmed or addressed by other mechanical means: The use of mechanical recovery to recover or remove the oil in the identified target areas will be insufficient to remove the estimated dispersible oil volumes that we have estimated for tomorrow. The targeted oil herein is dispersible oil and dispersible oil is not the only oil demanding mechanical recovery assets. The geographic area of the spill site contains a combination of dispersible oil, heavy sheens and emulsified oil. Mechanical recovery devices are required elsewhere throughout the entire geographic area to address all areas and all oils that can be recovered mechanically and not just the dispersible oils and are therefore otherwise engaged. Generally the skimming



6/25/2010

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vessels are concentrated near the source site so that they can remain in the heaviest oil and collect the highest volume of oil. Other skimming assets are deployed nearshore to recover oil before it comes ashore.

- Tabulation of number of assets (skimmers, etc.) in service today and how many assets are available yet not in service. A daily summation of skimmers in the source area and outside the source is now being provided daily to the Aerial Dispersant Group for insertion in this report (Attachment 3). Our review of the assets listed below reveal that they are engaged in skimming operations with some out of service for various reasons.
- It is planned to conduct multiple Tier 1 helicopter SMART overflights to observe dispersant operations. M/V *International Peace* is returning to port and conducting crew changes. M/V *International Peace* operations for 25 June will depend upon departure time from port. QA/QC SMART reports being developed for June 22 and 23, 2010.

Accordingly, in accordance with the Directive, the Houma Unified Command respectfully requests an exemption to apply EC9500A in volumes on oil slicks determined after tomorrow mornings reconnaissance flights.

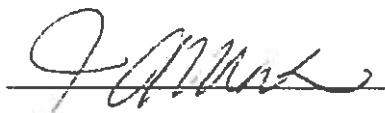
Accordingly, in accordance with the Directive, the Houma Unified Command respectfully requests an exemption to apply EC9500A in volumes on oil slicks located today shown in Table 1 not to exceed ~~28,200~~ gallons for a period not to exceed 12 hours. We request to commence early operations with 5,000 gallons of dispersant to initial slicks identified and then request a subsequent amount to spray based on the full spotter reports.

Sincerely,

14,400

Houma Unified Command

Exemption approved subject to the above:

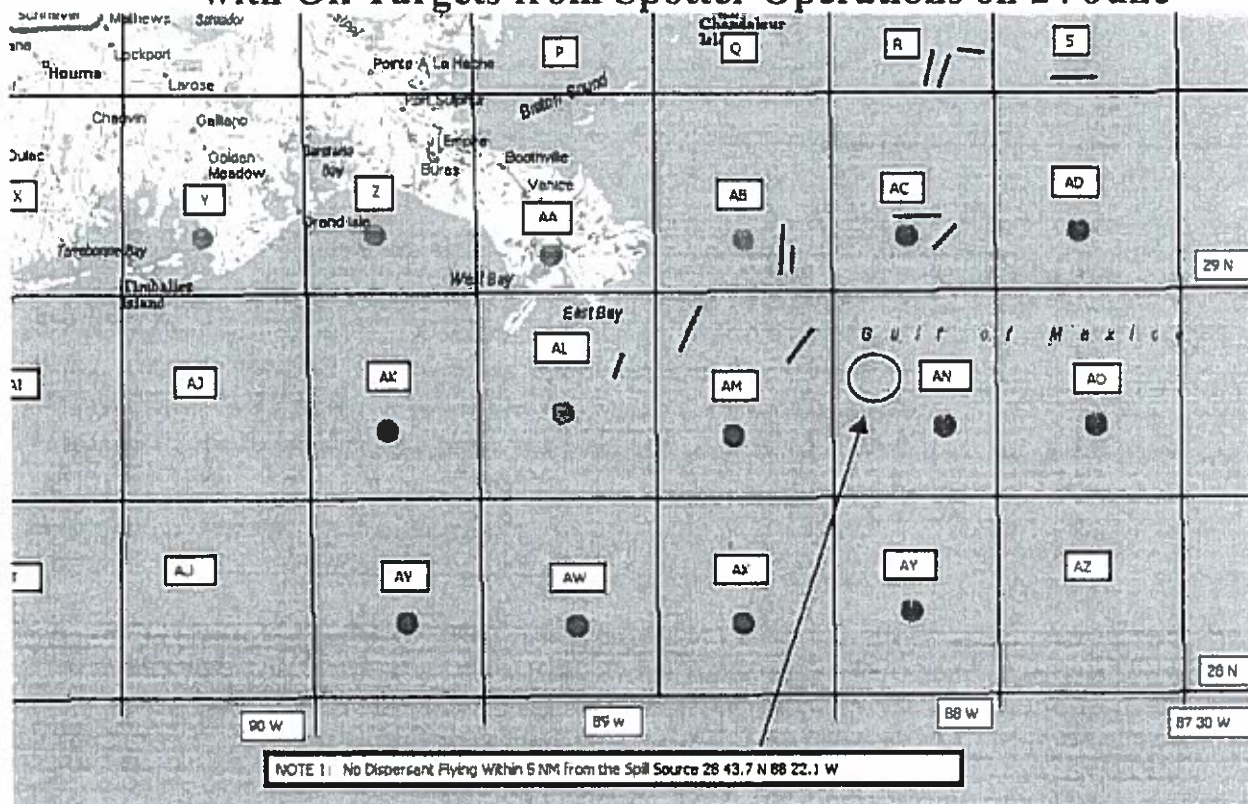


James A. Watson  
Rear Admiral, USCG  
Federal On-Scene Coordinator

Date: 6/25/10

Attachment 1

**Dispersant Zone Map for 25 June 2010  
with Oil Targets from Spotter Operations on 24 June**



**TABLE 1**  
**Dispersible Oil Report June 25, 2010**

Zone	# of slicks reported	Area in acres	Estimated percentage dispersible oil	Dispersant Needed (1/20 DOR)
R	3	614	20%	565
S	1	160	30%	240
AC	2	880	30%	1,320
AB	2	11840	45%	15,040

**6/25/2010**

AM	2	20,480	10%	10,240
AL	1	1600	10%	800
<b>TOTAL</b>	11	35,574		<b>28,205</b>

**Note: Table 1 shows our intentions based upon our observations the day before these actions take place. Size and location of slicks will change. Activities within slick areas e.g., skimming operations, in-situ burning, etc., or weather conditions may require revisions to the actual operational plan implemented.**

# Nearshore Surface Oil Forecast Deepwater Horizon MC252

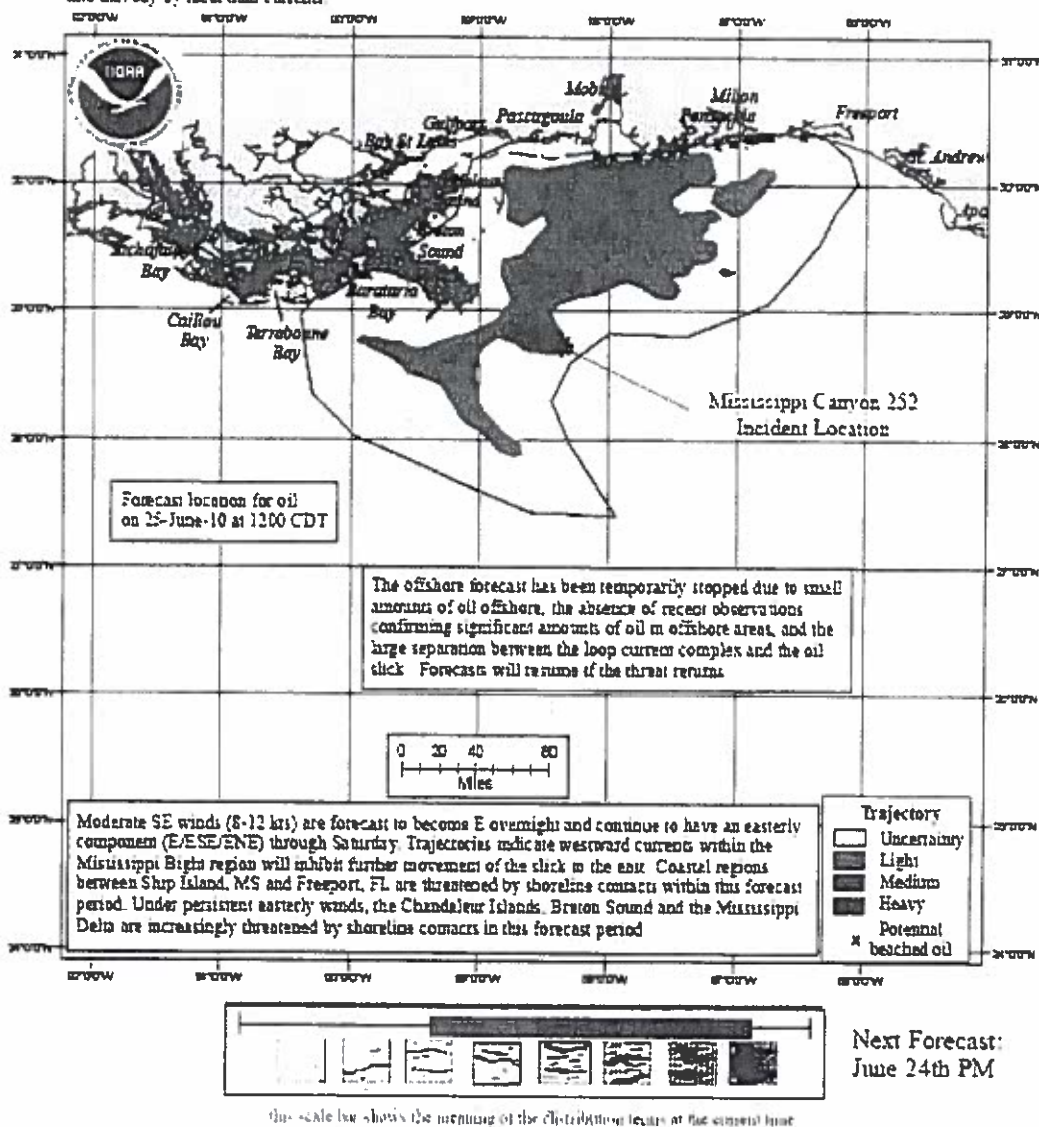
NOAA/NOS/OR&R

Nearshore

Estimate for: 1200 CDT, Friday, 6/25/10

Date Prepared: 2100 CDT, Wednesday, 6/23/10

This forecast is based on the NWS spot forecast from Wednesday, June 23 PM. Currents were obtained from several models (West Florida Shelf/USF, TGLO/TAMU, NAVO/NRL) and HFR measurements. The model was initialized from Wednesday satellite imagery analysis (NOAA/NESDIS) and overflight observations. The leading edge may contain turbidity that is not readily observable from the imagery (hence not included in the model initialization). Oil near bay inlets could be brought into that bay by local tidal currents.



Attachment 3

## Vessel Status Board

DEEPWATER HORIZON  
SOURCE GROUP

Date/Time 24 June 2010 1600

	TOTAL	SKIMMING	OFFLOADING	Unscheduled Maintenance	Scheduled Maintenance
SKIMMERS	26	18	2	5	1
TANK BARGES	5	N/A	1	1	
INLAND BARGES	5	N/A	0	0	
WORKBOATS	22	N/A	N/A	0	

	ON SCENE WEATHER	COMMENTS:
WIND	E 10	
WAVE	1'	
SWELL	SE 2 - 4'	

Kind/Type	Vessel	Assignment	Status	Location	ETA
RV1/Weir	Louisiana Responder	MSRC	Skimming	MO-252	
RV1/Weir	Gulf Coast Responder	MSRC	Skimming	MO-252	
RV1/Weir	Texas Responder	MSRC	Scheduled Maint.	Pl. Jackson - 6/23 - 6/26	
RV1/Weir	Maine Responder	MSRC	Skimming	MO-252	
RV1/Weir	Mississippi Responder	MSRC	Skimming	MO-252	
RV1/Weir	Southern Responder	MSRC	Skimming	MO-252	
RV1/Weir	Delaware Responder	MSRC	Skimming	MO-252	
RV1/Weir	Virginia Responder	MSRC	Skimming	MO-252	
RV1/Beit	CGA HOSS Barge (Groby Sun)	TF HOSS	Skimming	MO-252	
RV1/Weir	Seacor Vanguard (Current Buster 2 co)	Buster	Unscheduled Maint.	Foundation - 6/22	
RV1/Weir	Seacor John Conhill (Current Buster)	Buster	Skimming	MO-252	
RV1/Weir	Lara Rose (NRC VOES)	NRC	Offloading	Venice - 6/24	
RV1/Beit	Lynne Fink (NRC Marco)	NRC	Unscheduled Maint.	Venice - 6/22	
RV1/Disk	NRC Liberty (Disc)	NRC	Skimming	MO-252	
RV1/Weir	Noonle G (w/CGA FRU) - Ampol	CGA	Skimming	MO-252	
RV1/Weir	International Trooper (w/CGA FRU) - Ampol	CGA	Skimming	MO-252	
RV1/Weir	Kim B (w/CGA FRU) - Ampol	CGA	Skimming	MO-252	
RV1/Weir	Mr. Alex (w/CGA FRU) - Ampol	CGA	Skimming	MO-252	
RV1/Beit	Rene (Navy Marco)	Fed	Unscheduled Maint.	Outport - 6/22	
RV1/Weir	Pauline T (NRC VOES)	NRC	Offloading	Venice - 6/24	
RV1/Weir	Seacor Washington (Dutch arm)		Skimming	MO-252	
RV1/Weir	HOS Maybree (Dutch arm)		Unscheduled Maint.	Foundation	
RV1/Weir	HOS Sweetwater (Dutch Arm)		Skimming	MO-252	
RV1/Beit	Resolve Pioneer (NRC Marco)		Skimming	MO-253	
RV1/Beit	NRC Admiral (Marco)		Skimming	MO-254	
RV1/Weir	JWC-3006-HEA (Guip 2)		Unscheduled Maint.	MO-255	

Rear Admiral James A. Watson

**6/25/2010**

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James A. Watson  
Rear Admiral, USCG  
Federal On-Scene Coordinator

June 24, 2010

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Rear Admiral James A. Watson

6/24/2010

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dispersible oils and are therefore otherwise engaged. Generally the skimming vessels are concentrated near the source site so that they can remain in the heaviest oil and collect the highest volume of oil. Other skimming assets are deployed nearshore to recover oil before it comes ashore.

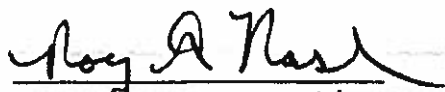
- Tabulation of number of assets (skimmers, etc.) in service today and how many assets are available yet not in service: A daily summation of skimmers in the source area and outside the source is now being provided daily to the Aerial Dispersant Group for insertion in this report (Attachment 3). Our review of the assets listed below reveal that they are engaged in skimming operations with some out of service for various reasons.
- It is planned to conduct multiple Tier 1 helicopter SMART overflights to observe dispersant operations. Additionally, the M/V *International Peace* will be conducting sampling operations. QA/QC SMART report for June 22, 2010 are not available.

Accordingly, in accordance with the Directive, the Houma Unified Command respectfully requests an exemption to apply EC9500A in volumes on oil slicks determined after tomorrow mornings reconnaissance flights. The reason for this request is we expect to see substantially more oil slicks due to the removal of the top cap, no ISB operations and reduced skimming operations. We request to commence early operations with 5,000 gallons of dispersant to initial slicks identified and then request a subsequent amount to spray based on the full spotter reports

Sincerely,

Houma Unified Command

Exemption approved subject to the above:

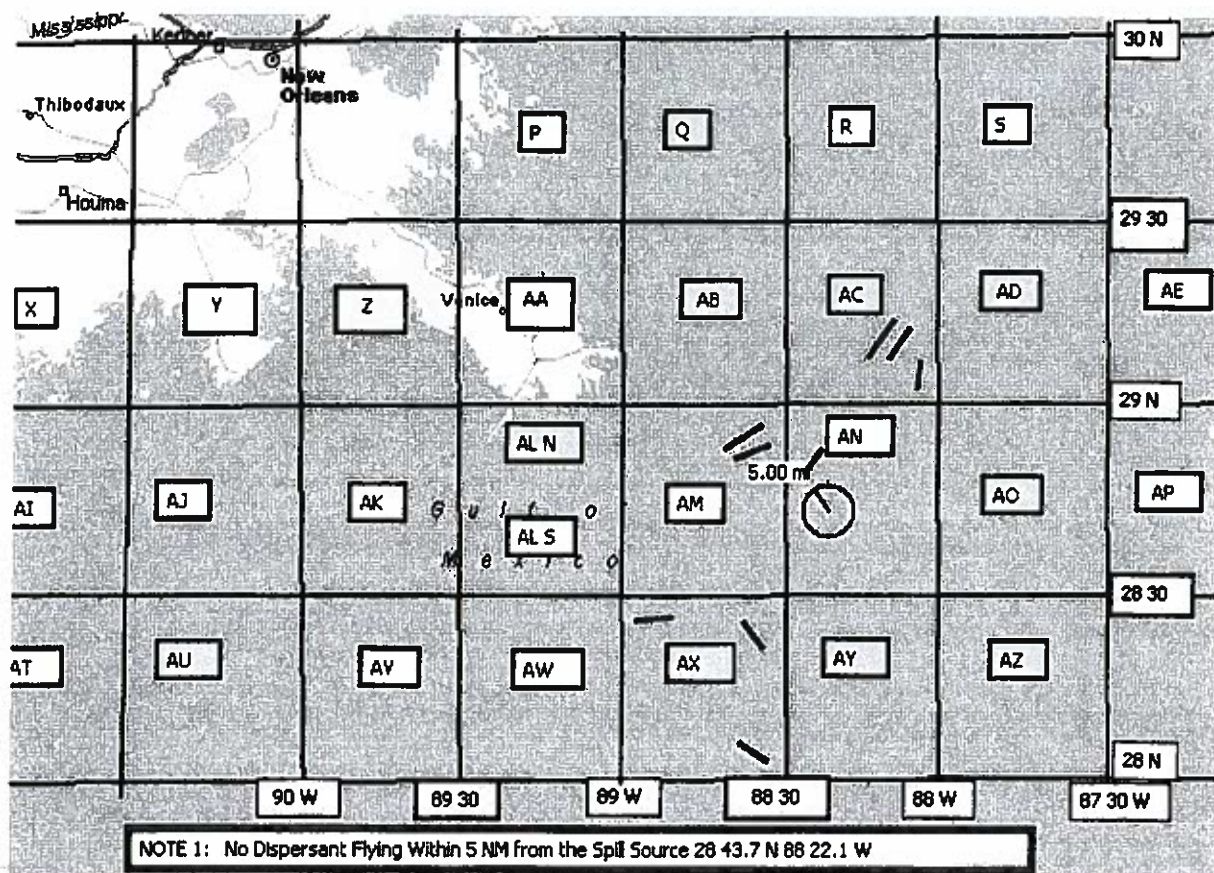
  
ROY A. NASH  
James A. Watson

Date: 6/24/2010

Deputy  
Rear Admiral, USCG  
Federal On-Scene Coordinator

Attachment 1

**Dispersant Zone Map for 24 June 2010  
 with Oil Targets from Spotter Operations on 23 June**



**TABLE 1  
 Dispersible Oil Report June 24, 2010**

Zone	# of slicks reported	Area in acres	Estimated percentage dispersible oil	Dispersant Needed (1/20 DOR)
AC	3	12,800	20%	10,800
AM	2	72	40%	140
AN	1	31	30%	960

Rear Admiral James A. Watson

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AX	3	810	30%	1,850
<b>TOTAL</b>	9	12,903		<b>13,750</b>

**Note: Table 1 shows our intentions based upon our observations the day before these actions take place. Size and location of slicks will change. Activities within slick areas e.g., skimming operations, in-situ burning, etc., or weather conditions may require revisions to the actual operational plan implemented.**

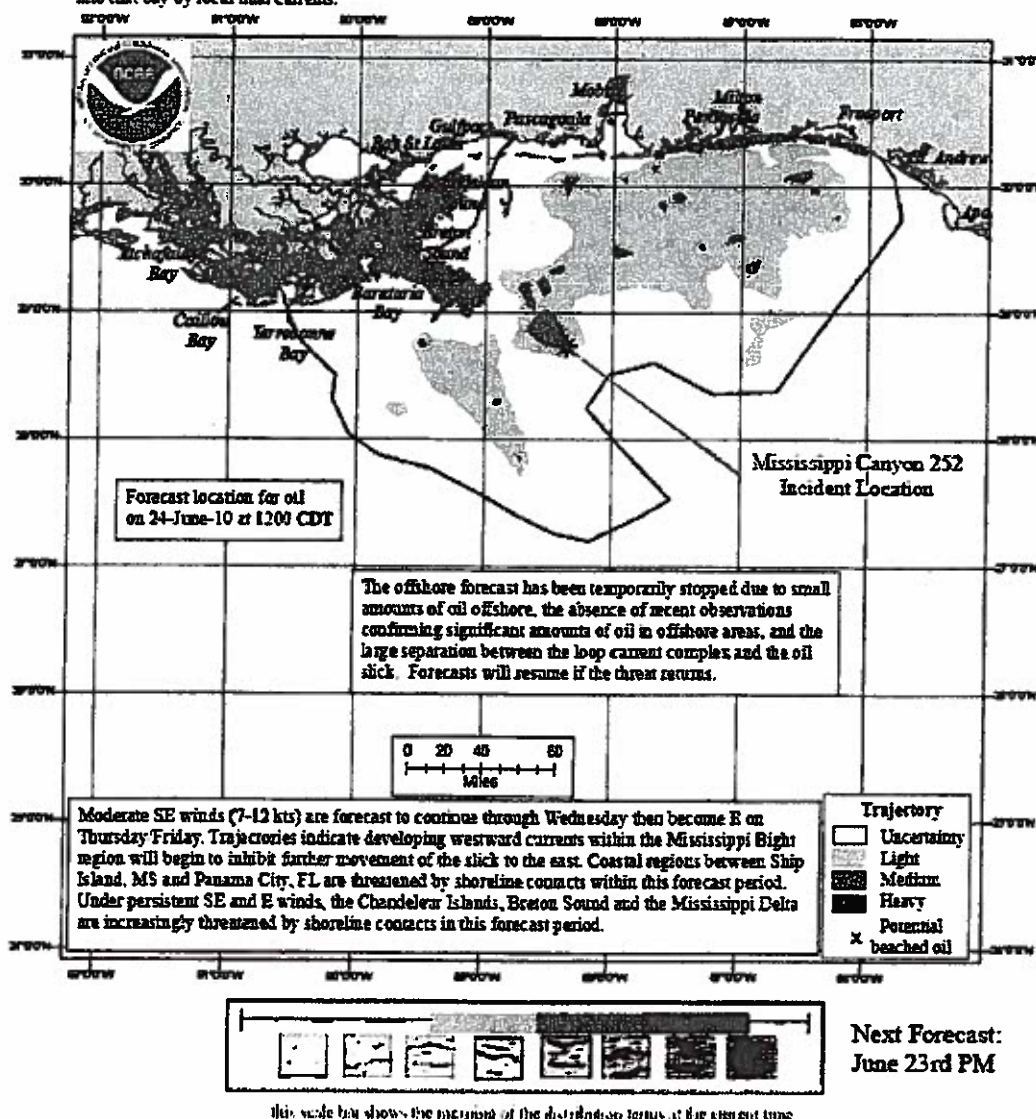
# Nearshore Surface Oil Forecast Deepwater Horizon MC252

NOAA/NOS/OR&R

Nearshore

Estimate for: 1200 CDT, Thursday, 6/24/10  
Date Prepared: 2100 CDT, Tuesday, 6/22/10

This forecast is based on the NWS spot forecast from Tuesday, June 22 PM. Currents were obtained from several models (West Florida Shelf/FUSF, TGLO/TAMU, NAWO/NRL) and HFR measurements. The model was initialized from Tuesday satellite imagery analysis (NOAA/NESDIS) and overflight observations. The leading edge may contain turbidities that are not readily observable from the imagery (hence not included in the model initialization). Oil near bay inlets could be brought into that bay by local tidal currents.





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Attachment 3

## Vessel Status Board

SOURCE				Date/Time 23 June 1400		
Designator	Kind/Type	Vessel	Assignment	Status	Location	ETA
LAR	RV1/Weir	Louisiana Responder	MSRC	Skimming	MC-252	
GCR	RV1/Weir	Gulf Coast Responder	MSRC	Skimming	MC-252	
TCS	RV1/Weir	Texas Responder	MSRC	Scheduled Pickup	Ft Jackson 6/23 - 6/24	
MER	RV1/Weir	Maine Responder	MSRC	Skimming	MC-252	
MSR	RV1/Weir	Mississippi Responder	MSRC	Skimming	MC-252	
SOR	RV1/Weir	Southern Responder	MSRC	Skimming	MC-252	
DER	RV1/Weir	Delaware Responder	MSRC	Skimming	MC-252	
VAR	RV1/Weir	Virginia Responder	MSRC	Skimming	MC-252	
HOSS	RV1/Belt	CGA HOSS Barge (Crosby Sun)	TF HOSS	Skimming	MC-252	
SV	RV1/Weir	Seacor Vanguard (Current Buster 7-25)	Buster	Equipment	Fourtown 6/22	
JC	RV1/Weir	Seacor John Coghill (Current Buster)	Buster	Skimming	MC-252	
LR	RV1/Weir	Lane Rose (NRC VOSS)	NRC	Skimming	MC-252	
PER	RV1/Weir	Perseus (NRC VOSS)	NRC	Equipment	MC-252	
LF	RV1/Weir	Lynne Link (NRC Mules)	NRC	Equipment	Venice 6/23	
UE	RV1/Weir	NRC Liberty (NRC)	NRC	Equipment	Venice 6/22	
NG	RV1/Weir	Noonie G (w/CGA FRU) - Ampol	CGA	Skimming	MC-252	
IT	RV1/Weir	International Trooper (w/CGA FRU) - Ampol	CGA	Skimming	MC-252	
KB	RV1/Weir	Kim B (w/CGA FRU) - Ampol	CGA	Skimming	MC-252	
MA	RV1/Weir	Mr. Alex (w/CGA FRU) - Ampol	CGA	Skimming	MC-252	
RE	RV1/Weir	Rebel (NRC VOSS)	ESD	Equipment	Gulport 6/22	
PT	RV1/Weir	Pauline T (NRC VOSS)	NRC	Equipment	Gulport 6/22	
SW	RV1/Weir	Seacor Washington (Dutch arm)		Skimming	MC-252	
HM	RV1/Weir	HOS Msytique (Dutch arm)		Skimming	MC-252	
SW	RV1/Weir	HOS Sweetwater (Dutch Arm)		Skimming	MC-252	
MS	RV1/Weir	MSRC 402 Barge (Kimberly Colie)	TF Storage	On-scene	MC-252	
MS	RV1/Weir	MSRC 452 Barge (Tara Crosby)	TF Storage	Standby	Ft Jackson	
MS	RV1/Weir	MSRC 570 Barge (Crosby Clipper)	TF Storage	Offloading	Pilotown	
MS	RV1/Weir	K-Sea OBL-155 (Rebel)	TF Storage	On-scene	MC-252	
MS	RV1/Weir	Energy 606 (Subsea Service, Coast)	TF Storage	Non Operational	Fourtown	





**POB Status Report MC 252 Source Control site**  
**23rd June**

			Personnel			Hel		Return		
Drilling Vessels	Evade Sequence	Operational/Activity comment)	Non Essential	Essential	Total	Deck	T-Time (hrs)	Return Sequence	Restart time (once in field) (hrs)	Restart Operation
Development Driller 2	Per T-Time	Relief well	37	126	163	Yes	96	Asap	72	relief well
Development Driller 3	Per T-Time	Relief well	78	118	196	Yes	114	Asap	90	relief well
Containment Vessels	Evade Sequence	Drilling sub totals	115	244	359			Return Sequence		
Discoverer Enterprise	1	Containment & flare	44	142	186	Yes	114	2	38	Top hat #4
Helix Q4000	2	flare	0	134	134	Yes	69	1	72	Containment
Helix Producer 1	Not in Field	Containment	33	43	76	Yes	1	-	-	-
Clear Leader	Not in Field	Containment	25	119	144	Yes	24	-	-	-
Tolosa Pisces	Not in Field	Containment			0	Yes		-	-	-
Construction Vessels	Priority to Remain	Containment sub totals	102	438	540			Priority to Return		
Skandi Neptune	P1	Dispersant	49	27	76	Yes	6	P1	12	Dispersant
Ocean Intervention 3	P1	Multipurpose construction	6	53	59	Yes	1	E1	Typically 6 hours	Construction
HOS Achiever	P2	CDP construction						E1		CDP construction
Boa Deep C	P2	Multipurpose construction	38	37	75	Yes	1	P2		Construction
Olympic Challenger	P2	Construction	47	21	68	Yes	0	P2		Construction
Helix Express	P3	CDP construction	13	94	107	Yes	12	P3		CDP construction
Chouest Holiday	P3	CDP construction						P3		CDP construction
West Sirius	P3	CDP construction			0	Yes	64	P3	CDP construction	
Support Vessels	Evade Sequence	Construction sub totals	153	232	385			Priority to Return		
Off-take hose string ↳ Seacor Venture ↳ Mary Moran	1	Off-take hose string Hose Support Vsl Hose Support Vsl	-	-	-	No	28	2	6	
Massachusetts & Paul T. ↳ Catherine C. Moran	1	Off-take ATB Support Tug	-	-	0	Yes	4	3	6	
Overseas Cascade ↳ Forte	1	Off-take Tanker Support Tug	-	10	10	No	4	3	6	
Loch Rannoch	Not in Field	Storage Tanker	-	-	-	Yes	Typically 2	3	Typically 4	
Navion Fenella	Not in Field	Storage Tanker	-	-	-	-		3		
Evi Knutson	Not in Field	Storage Tanker	-	-	-	-		3		
Normand Commander	3	Large vsl - fire support	-	20	20	Yes	1	1	1	Fire support
Rem Forza	3	Large vsl - fire support	-	27	27	Yes	1	1	1	Fire support
Tyler Stephen	1	Fire support	-	20	20	No	1	1	1	Fire support
Monica Ann	1	Fire support	-	20	20	No	1	1	1	Fire support
Adriatic	2	Dispersant	-	-	0	No	0	1	0	Dispersant
HOS Super H	2	Dispersant	5	7	12	No	1	1	1	Dispersant
Support sub totals			5	104	109					
Total Personnel			222	786	1008	* MODU's and Off-take hose have additional 24 hours evade time				

\* MODU's and Off-take hose have additional 24 hours evade time

To be added or removed from this distribution list email MC252\_simops@bp.com